

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
 Data File : BG055246.D
 Acq On : 21 Oct 2022 23:15
 Operator : CG/JU
 Sample : N5217-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-K1-COMP

Quant Time: Oct 22 01:33:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

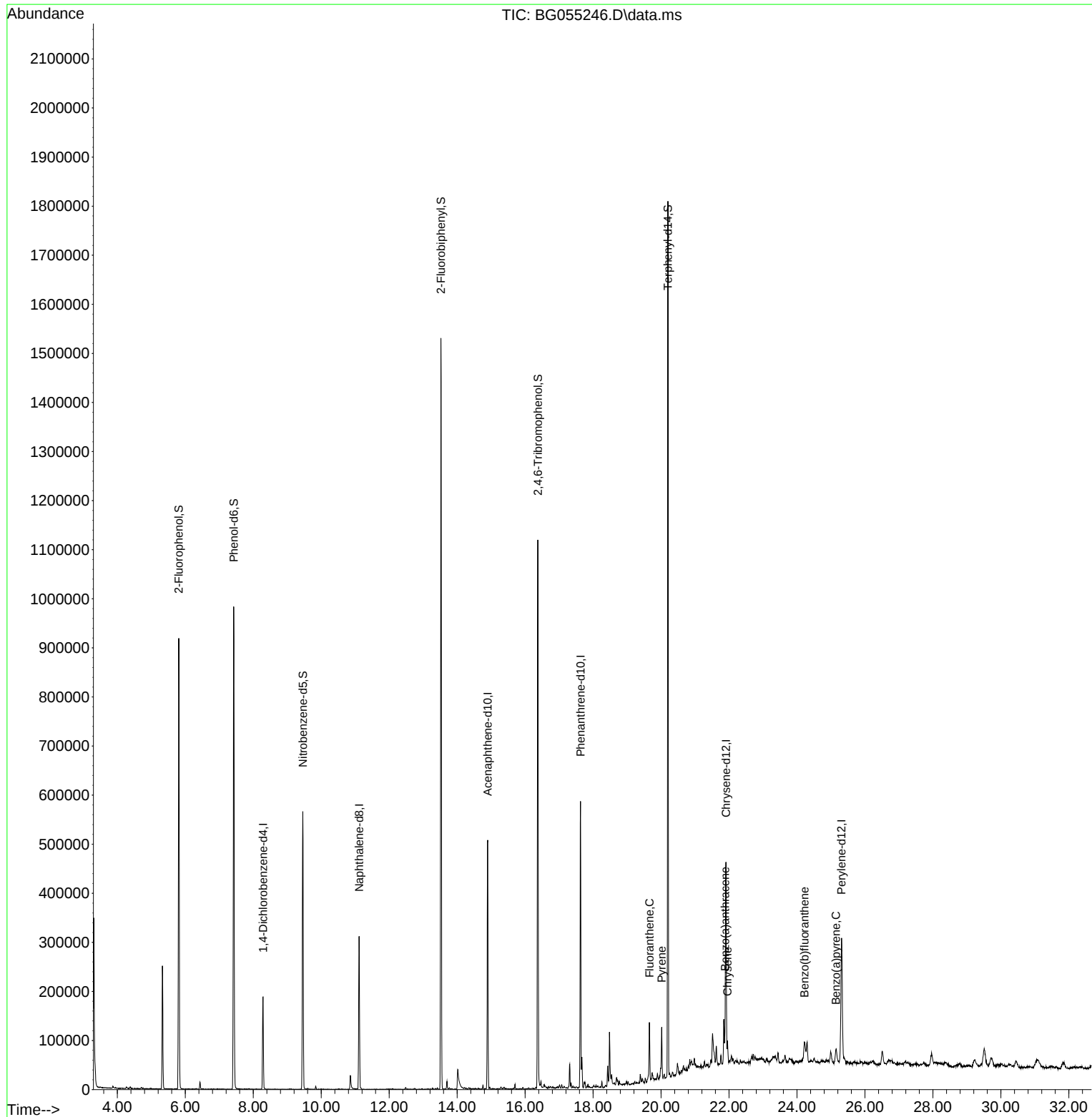
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	52913	20.000	ng	0.00
21) Naphthalene-d8	11.113	136	260013	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	176329	20.000	ng	0.00
64) Phenanthrene-d10	17.629	188	343170	20.000	ng	0.00
76) Chrysene-d12	21.907	240	226858	20.000	ng	-0.01
86) Perylene-d12	25.309	264	237508	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	411784	140.014	ng	0.00
7) Phenol-d6	7.424	99	580775	129.595	ng	0.00
23) Nitrobenzene-d5	9.457	82	358476	66.560	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	205265	112.343	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	767669	69.541	ng	0.00
79) Terphenyl-d14	20.203	244	829046	68.094	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.656	202	63354	3.123	ng	96
78) Pyrene	20.021	202	63780	3.731	ng	98
81) Benzo(a)anthracene	21.883	228	29488	2.004	ng	95
83) Chrysene	21.954	228	27589	2.013	ng	96
88) Benzo(b)fluoranthene	24.222	252	41601	2.950	ng	# 90
90) Benzo(a)pyrene	25.144	252	31471	2.600	ng	# 90

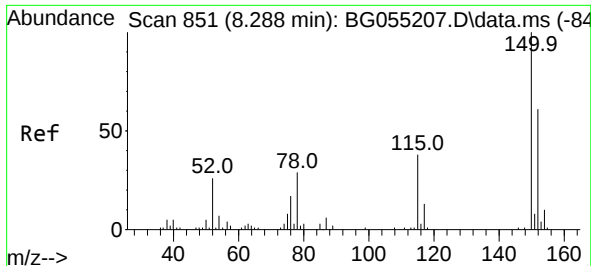
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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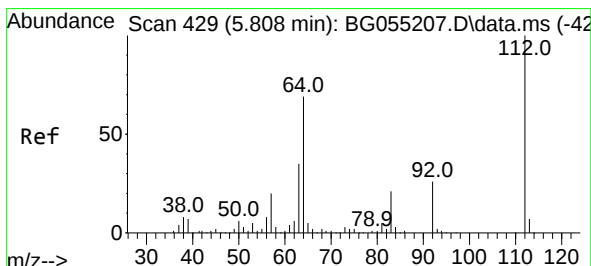
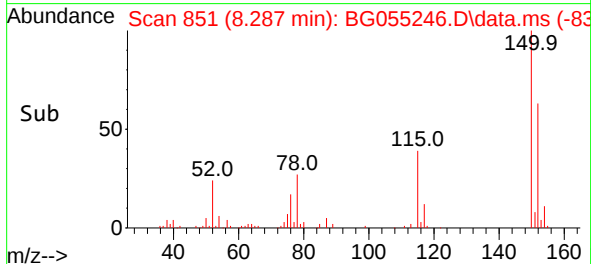
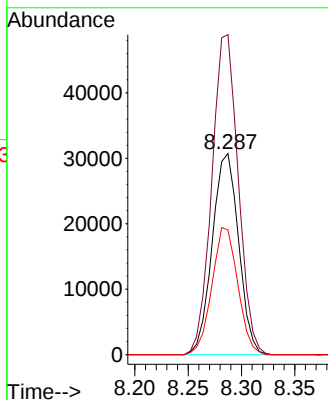
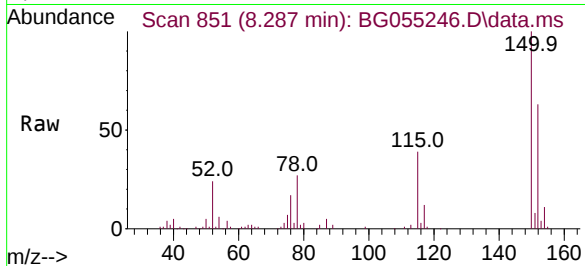




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.287 min Scan# 851
Delta R.T. -0.001 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

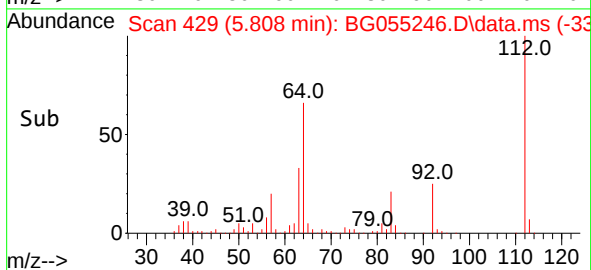
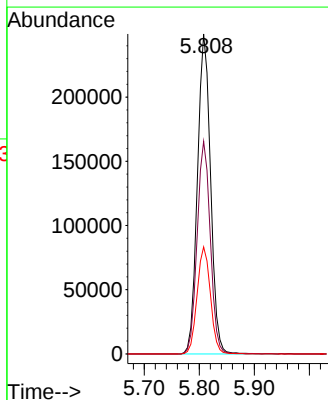
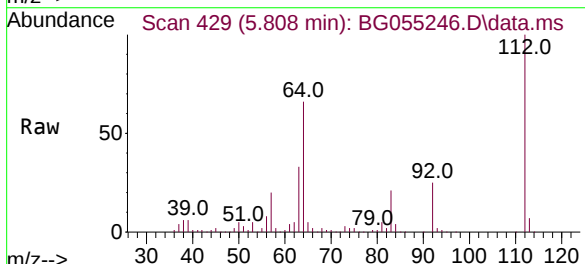
Instrument :
BNA_G
ClientSampleId :
SB-K1-COMP

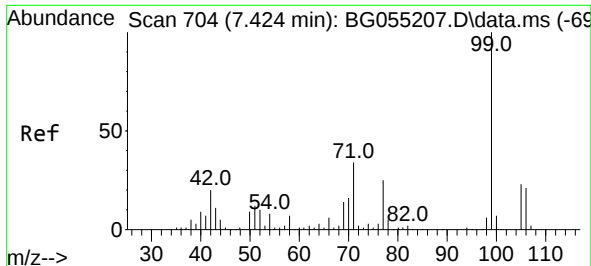
Tgt Ion:152 Resp: 52913
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.2
115 62.0 50.0 75.0



#5
2-Fluorophenol
Concen: 140.014 ng
RT: 5.808 min Scan# 429
Delta R.T. -0.000 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

Tgt Ion:112 Resp: 411784
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 33.4 27.8 41.6

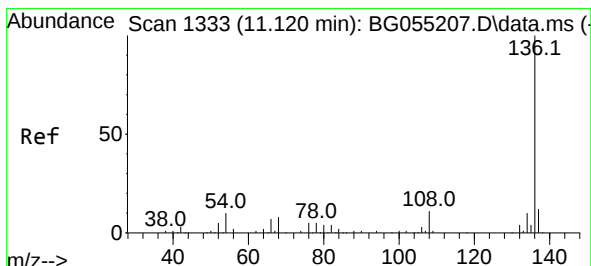
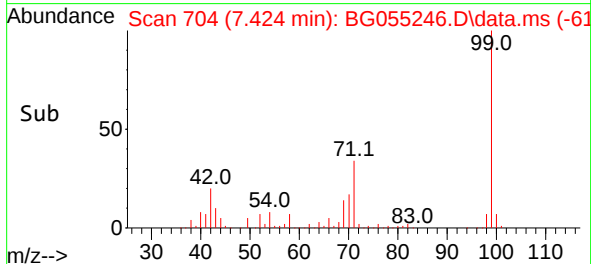
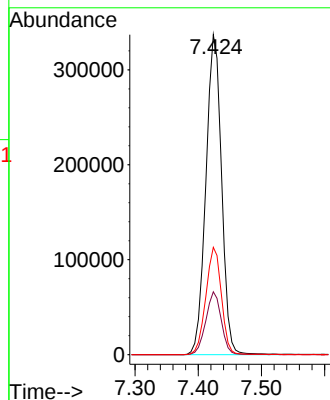
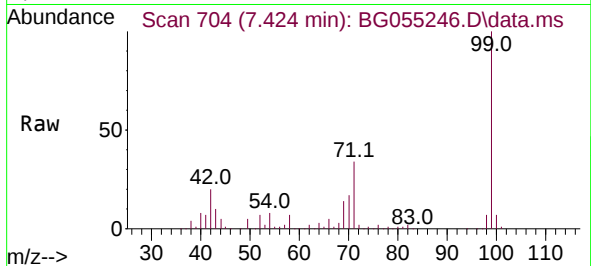




#7
Phenol-d6
Concen: 129.595 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

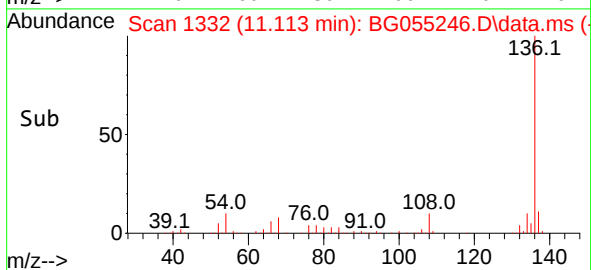
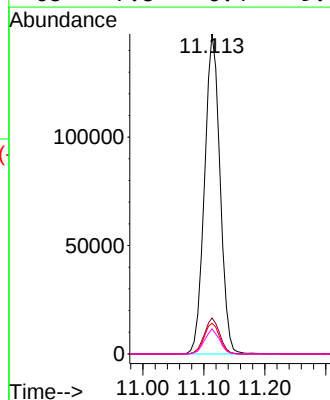
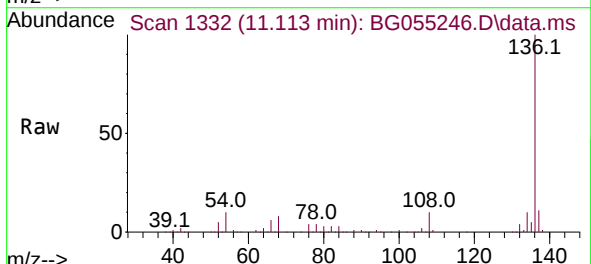
Instrument :
BNA_G
ClientSampleId :
SB-K1-COMP

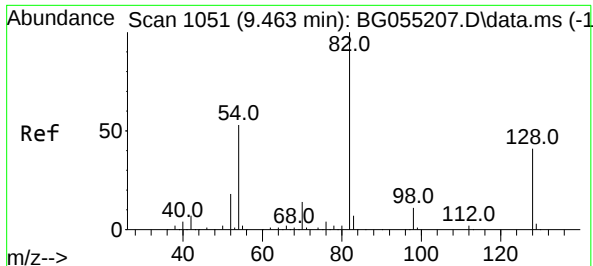
Tgt Ion: 99 Resp: 580775
Ion Ratio Lower Upper
99 100
42 19.6 16.2 24.4
71 33.5 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.113 min Scan# 1332
Delta R.T. -0.007 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

Tgt Ion:136 Resp: 260013
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 9.6 8.2 12.4
68 7.8 6.4 9.6





#23

Nitrobenzene-d5

Concen: 66.560 ng

RT: 9.457 min Scan# 1050

Delta R.T. -0.006 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

Instrument :

BNA_G

ClientSampleId :

SB-K1-COMP

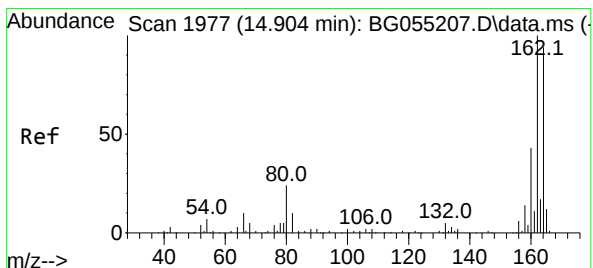
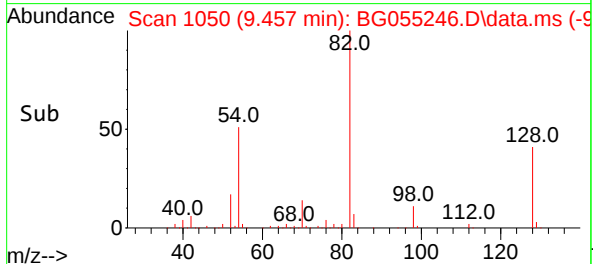
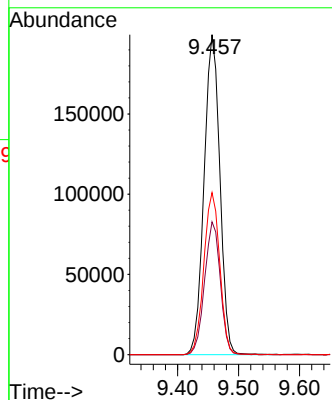
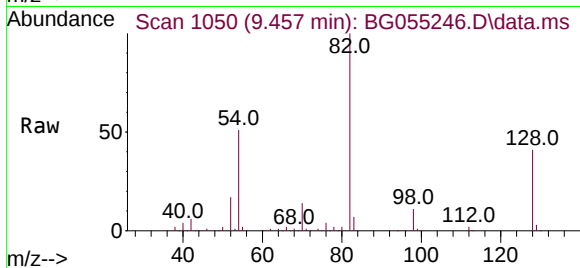
Tgt Ion: 82 Resp: 358476

Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 50.6 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.897 min Scan# 1976

Delta R.T. -0.007 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

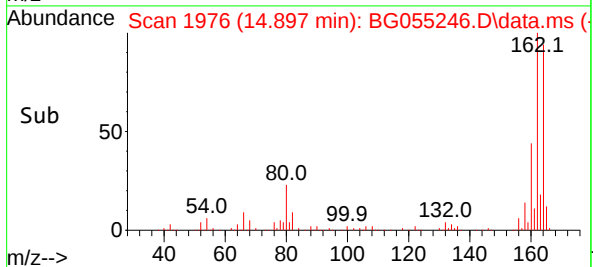
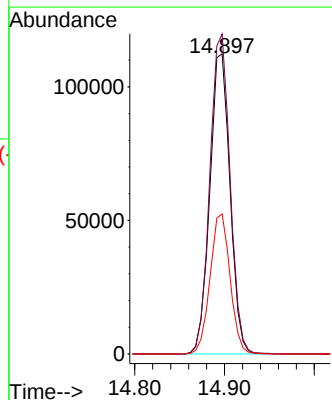
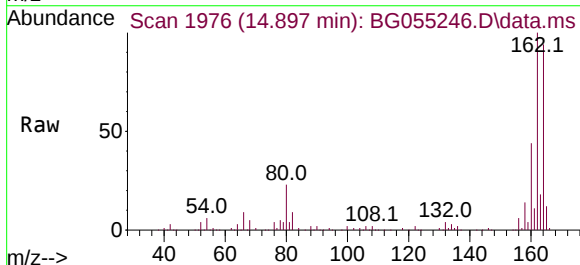
Tgt Ion:164 Resp: 176329

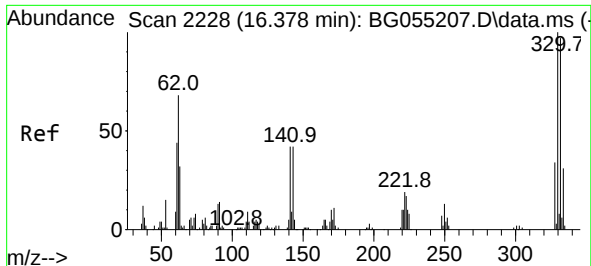
Ion Ratio Lower Upper

164 100

162 106.6 85.2 127.8

160 46.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 112.343 ng

RT: 16.372 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

Instrument :

BNA_G

ClientSampleId :

SB-K1-COMP

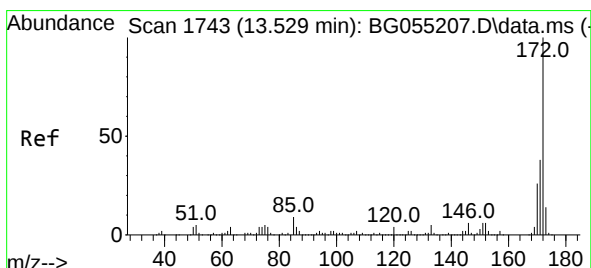
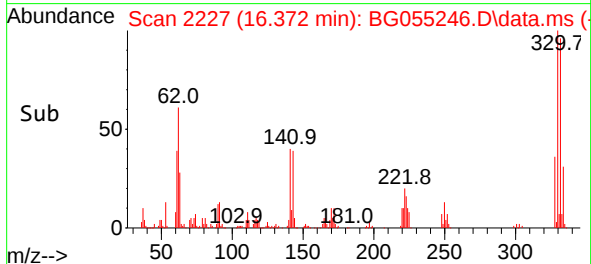
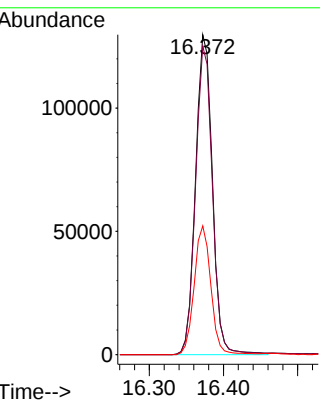
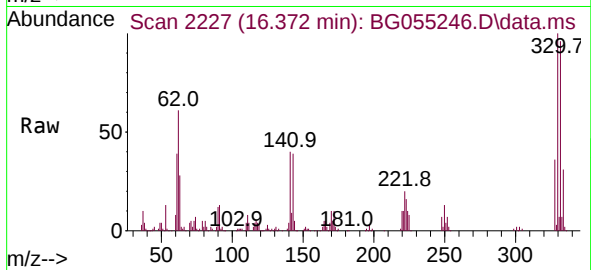
Tgt Ion:330 Resp: 205265

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 39.7 33.5 50.3



#45

2-Fluorobiphenyl

Concen: 69.541 ng

RT: 13.522 min Scan# 1742

Delta R.T. -0.007 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

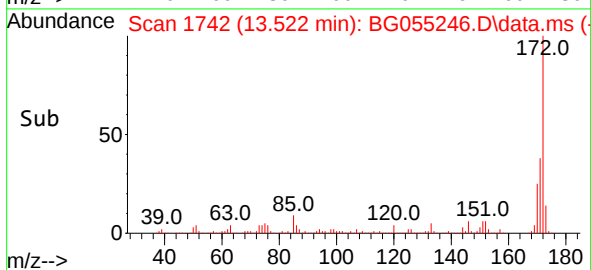
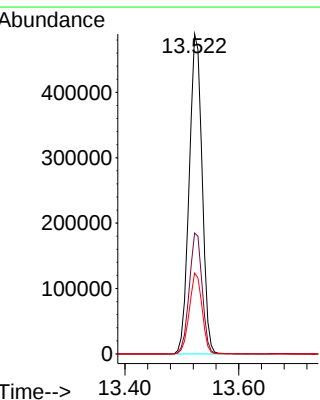
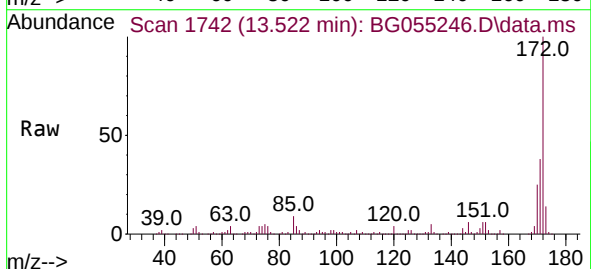
Tgt Ion:172 Resp: 767669

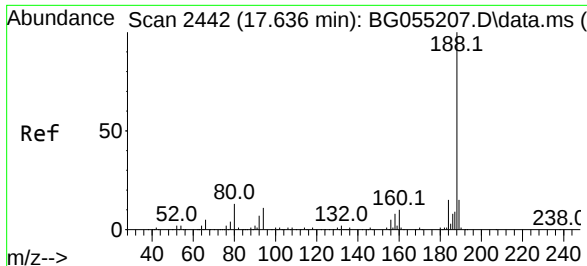
Ion Ratio Lower Upper

172 100

171 37.8 30.3 45.5

170 25.3 20.6 30.8

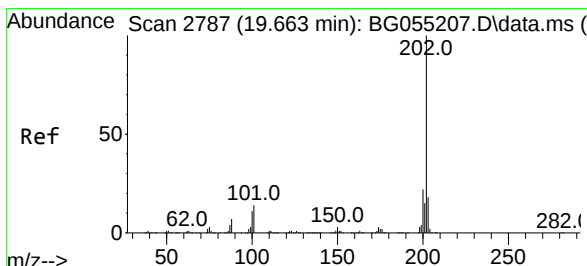
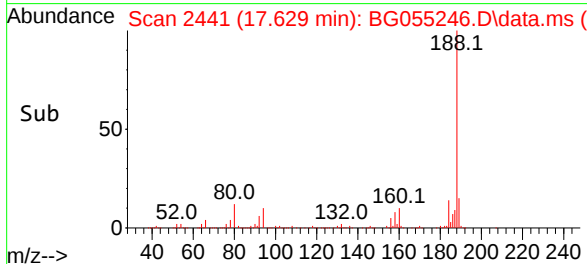
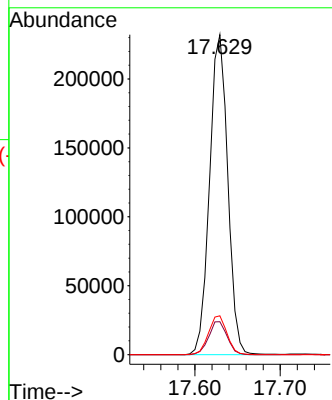
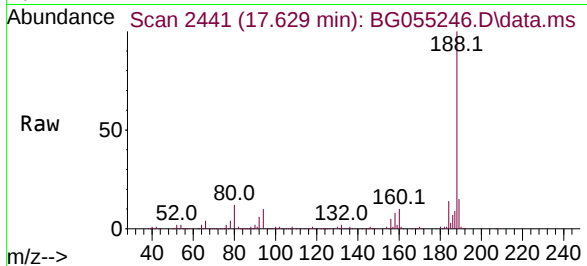




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.629 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

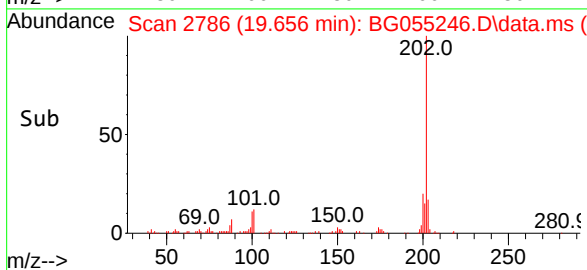
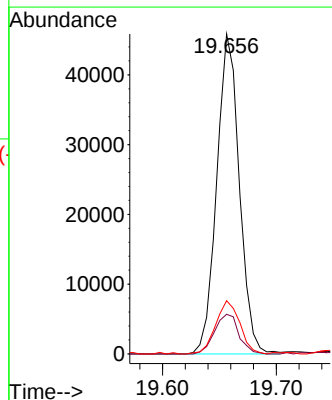
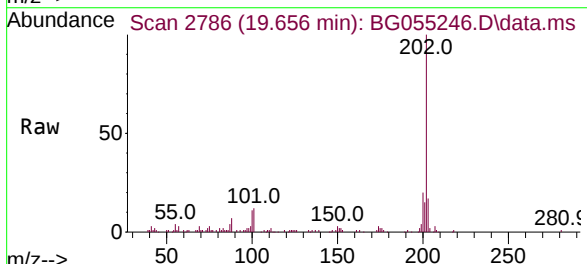
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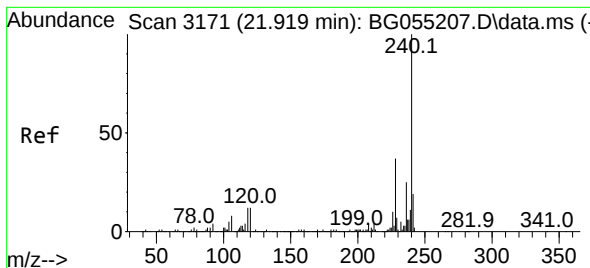
Tgt Ion:188 Resp: 343170
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 12.1 10.4 15.6



#75
Fluoranthene
Concen: 3.123 ng
RT: 19.656 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

Tgt Ion:202 Resp: 63354
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.2
203 16.6 0.0 38.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.907 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

Instrument :

BNA_G

ClientSampleId :

SB-K1-COMP

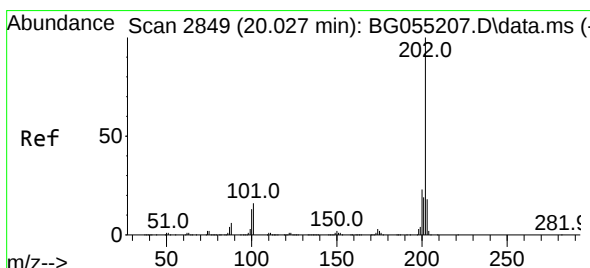
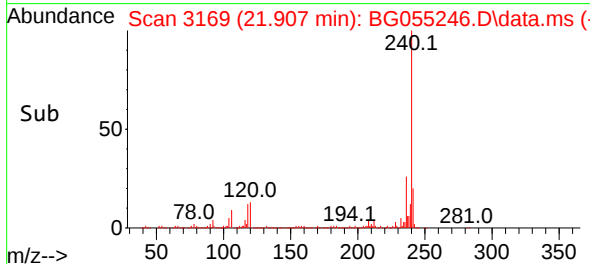
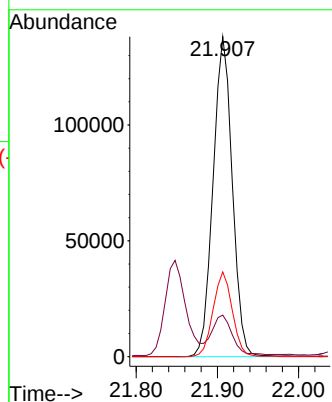
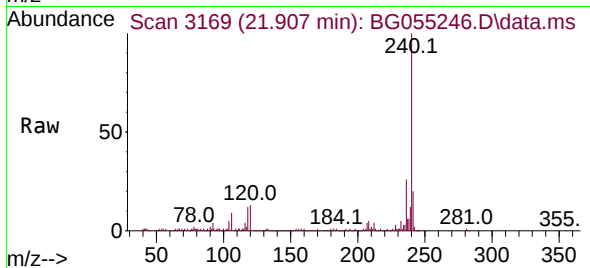
Tgt Ion:240 Resp: 226858

Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

236 26.5 20.4 30.6



#78

Pyrene

Concen: 3.731 ng

RT: 20.021 min Scan# 2848

Delta R.T. -0.006 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

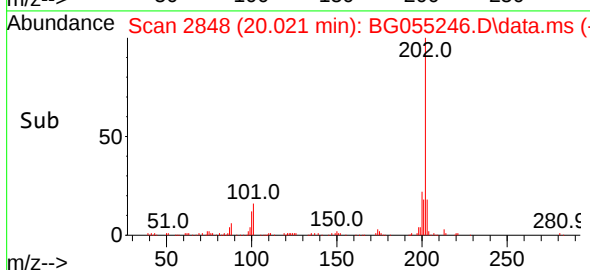
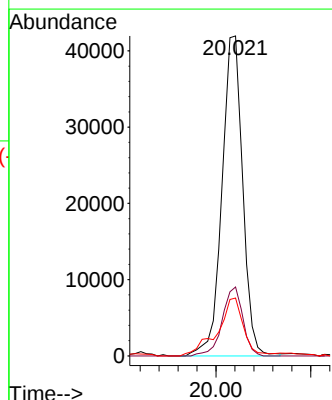
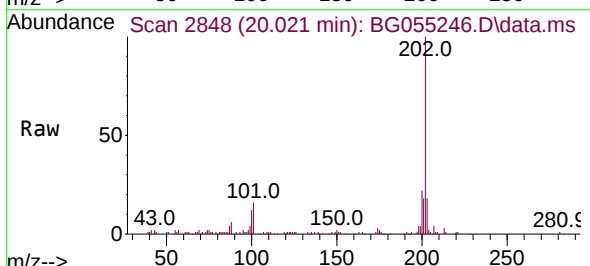
Tgt Ion:202 Resp: 63780

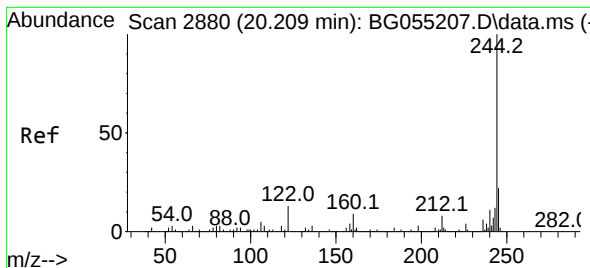
Ion Ratio Lower Upper

202 100

200 21.5 18.2 27.2

203 18.1 14.6 22.0





#79

Terphenyl-d14

Concen: 68.094 ng

RT: 20.203 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

Instrument :

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ClientSampleId :

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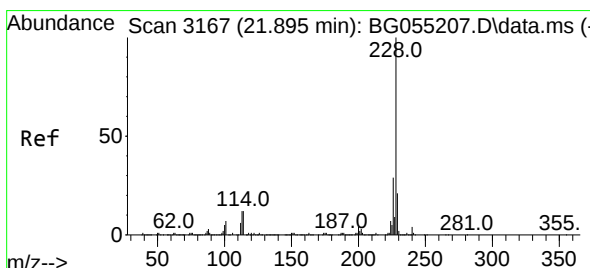
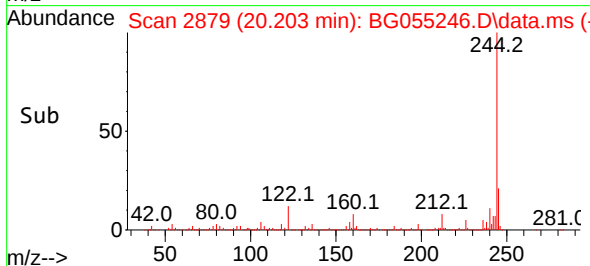
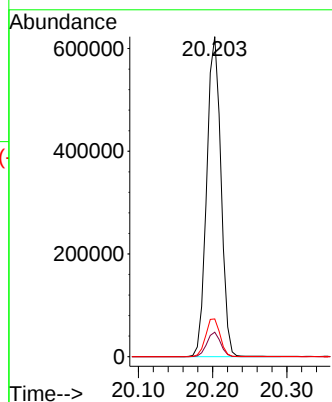
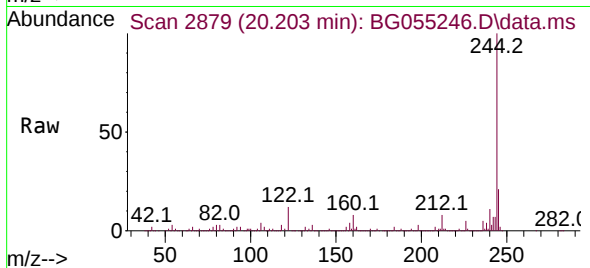
Tgt Ion:244 Resp: 829046

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 11.8 10.0 15.0



#81

Benzo(a)anthracene

Concen: 2.004 ng

RT: 21.883 min Scan# 3165

Delta R.T. -0.012 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

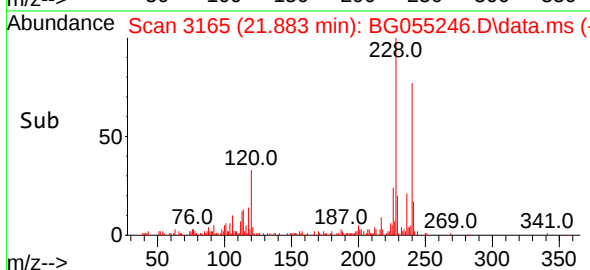
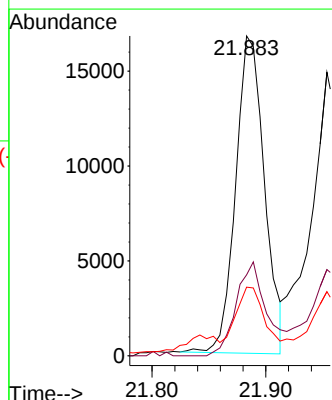
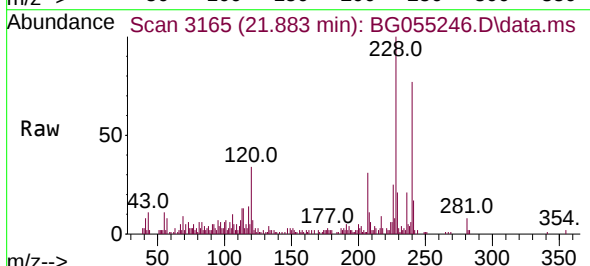
Tgt Ion:228 Resp: 29488

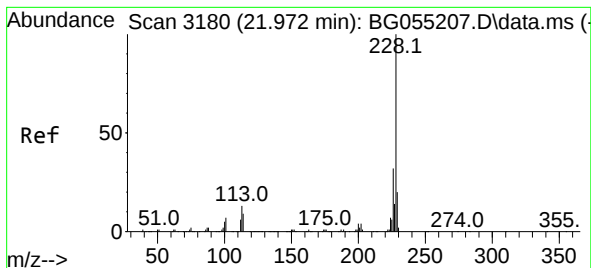
Ion Ratio Lower Upper

228 100

226 25.3 23.1 34.7

229 21.5 16.5 24.7





#83

Chrysene

Concen: 2.013 ng

RT: 21.954 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

Instrument :

BNA_G

ClientSampleId :

SB-K1-COMP

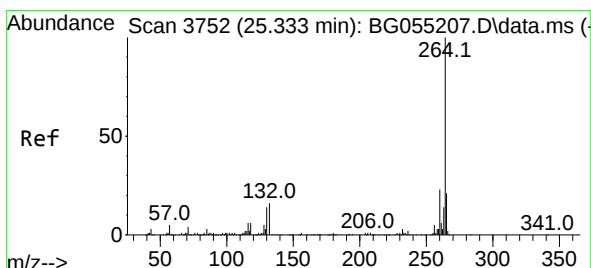
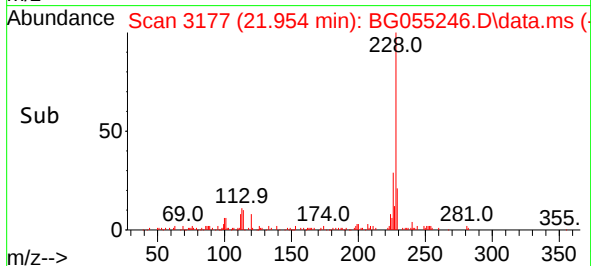
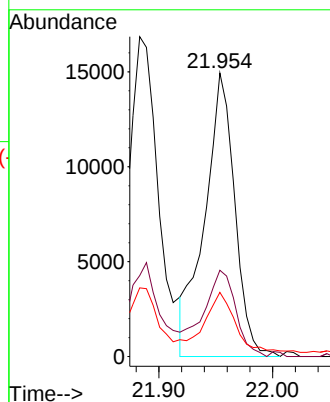
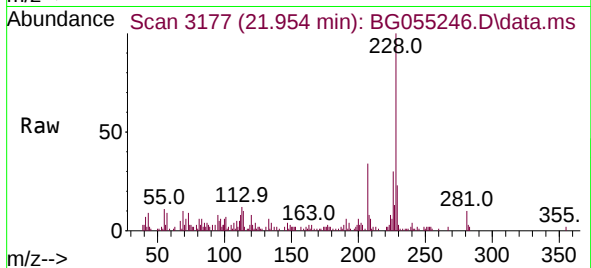
Tgt Ion:228 Resp: 27589

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.2

229 22.7 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.309 min Scan# 3748

Delta R.T. -0.024 min

Lab File: BG055246.D

Acq: 21 Oct 2022 23:15

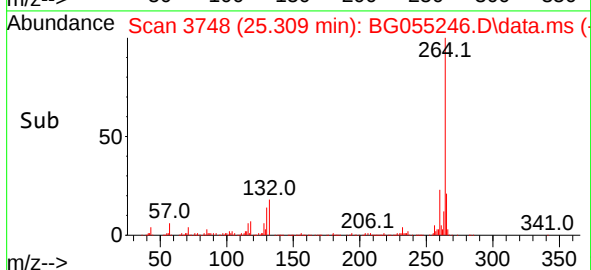
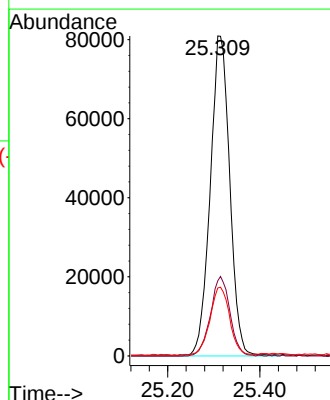
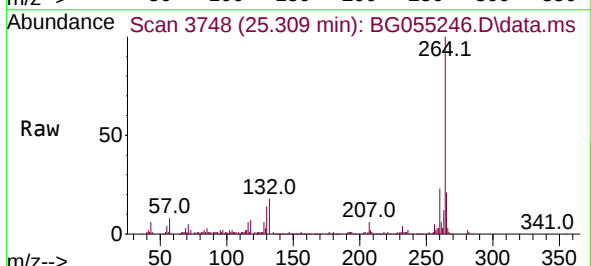
Tgt Ion:264 Resp: 237508

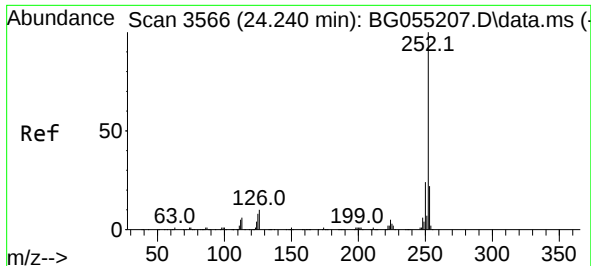
Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.2 17.1 25.7

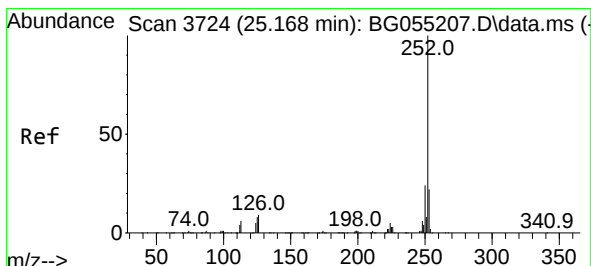
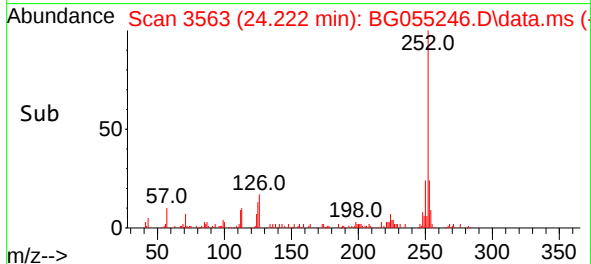
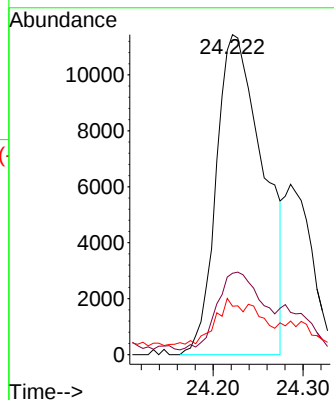
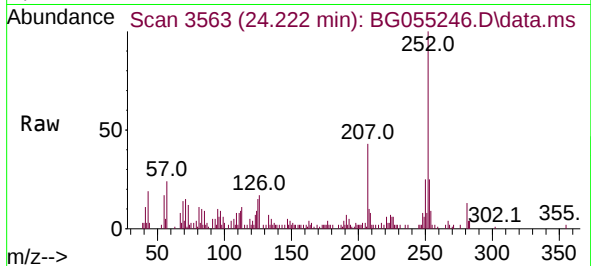




#88
Benzo(b)fluoranthene
Concen: 2.950 ng
RT: 24.222 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

Instrument :
BNA_G
ClientSampleId :
SB-K1-COMP

Tgt Ion:252 Resp: 41601
Ion Ratio Lower Upper
252 100
253 25.4 17.8 26.6
125 15.1 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.600 ng
RT: 25.144 min Scan# 3720
Delta R.T. -0.024 min
Lab File: BG055246.D
Acq: 21 Oct 2022 23:15

Tgt Ion:252 Resp: 31471
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 15.2 6.2 9.2#

