

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055608.D
 Acq On : 14 Nov 2022 17:23
 Operator : CG/JU
 Sample : N5561-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06

Quant Time: Nov 15 01:02:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

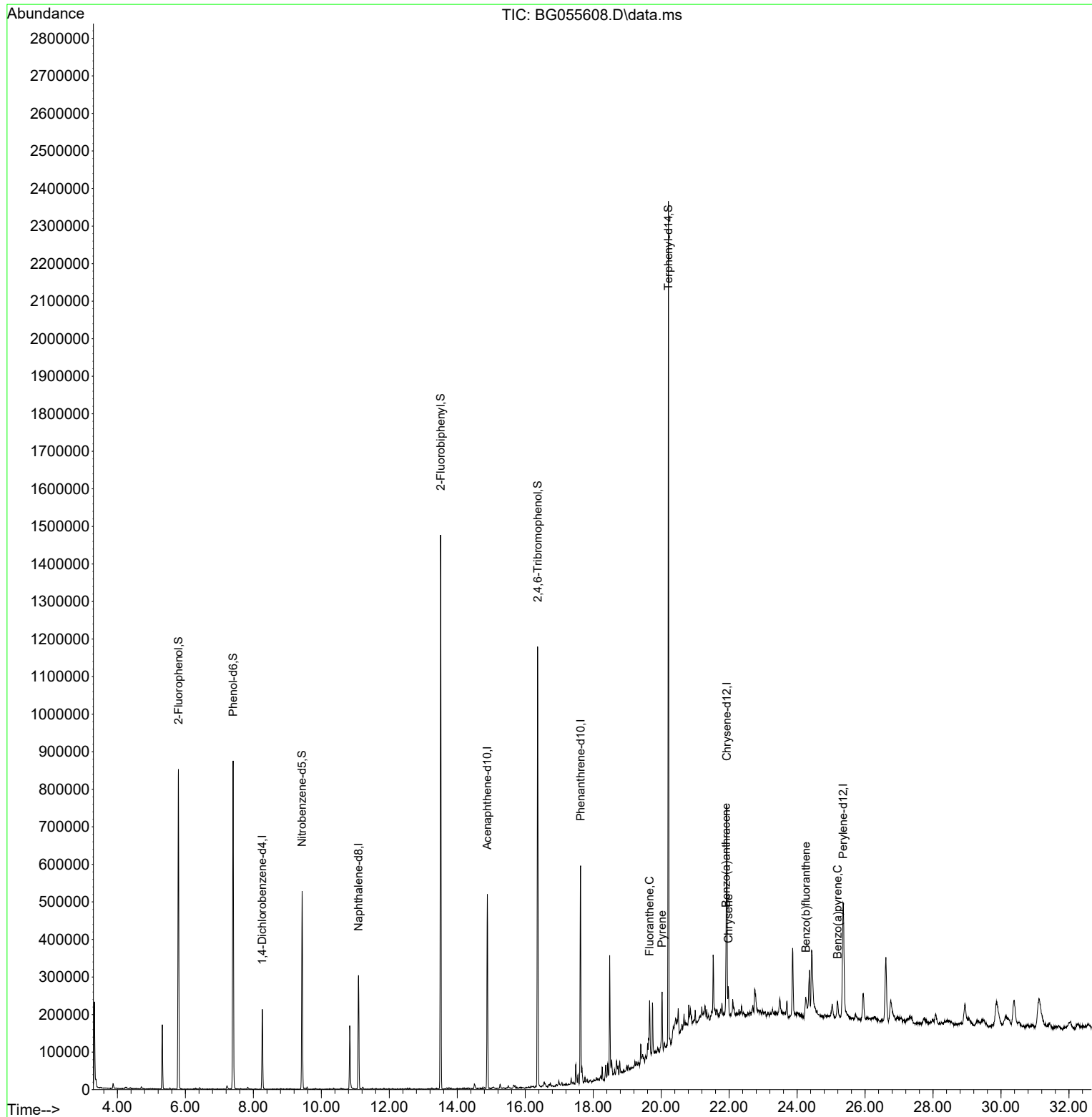
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	60371	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	261291	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	183122	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	384580	20.000	ng	0.00
76) Chrysene-d12	21.931	240	346283	20.000	ng	0.00
86) Perylene-d12	25.356	264	370181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	367885	116.069	ng	0.00
7) Phenol-d6	7.407	99	483732	110.487	ng	0.00
23) Nitrobenzene-d5	9.434	82	308021	79.916	ng	-0.01
42) 2,4,6-Tribromophenol	16.367	330	242207	135.559	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	763718	62.908	ng	0.00
79) Terphenyl-d14	20.215	244	1100934	63.858	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.663	202	67583	2.742	ng	97
78) Pyrene	20.027	202	99875	4.262	ng	98
81) Benzo(a)anthracene	21.907	228	57294	2.416	ng	97
83) Chrysene	21.978	228	60951	2.702	ng	99
88) Benzo(b)fluoranthene	24.257	252	70797	3.018	ng	# 96
90) Benzo(a)pyrene	25.192	252	58391	2.890	ng	# 97

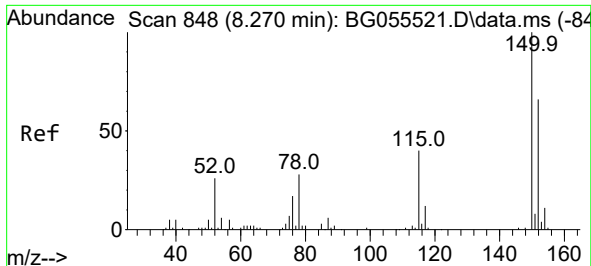
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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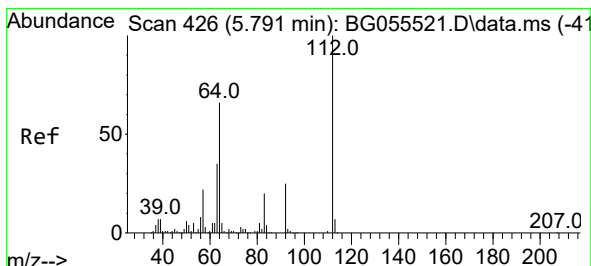
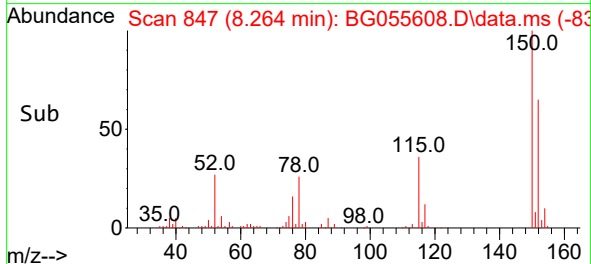
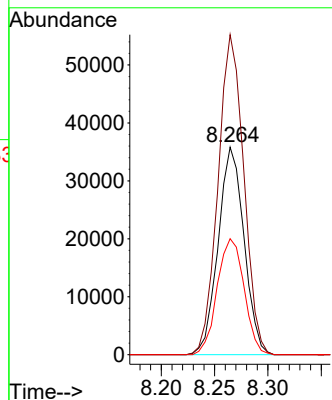
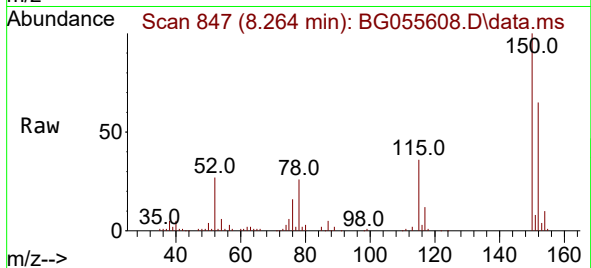




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

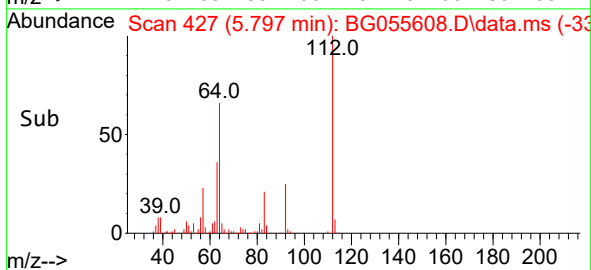
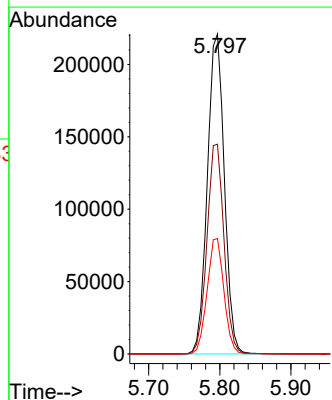
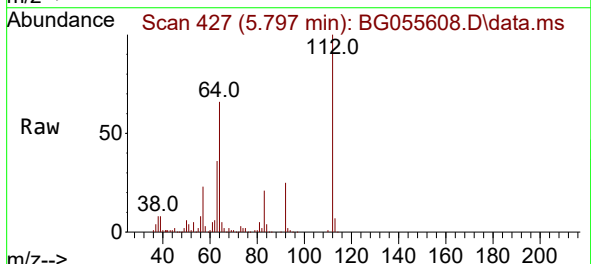
Instrument :
BNA_G
ClientSampleId :
SB-06

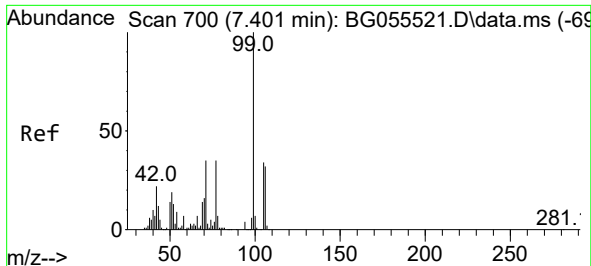
Tgt Ion:152 Resp: 60371
Ion Ratio Lower Upper
152 100
150 154.2 121.0 181.4
115 55.9 47.8 71.8



#5
2-Fluorophenol
Concen: 116.069 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

Tgt Ion:112 Resp: 367885
Ion Ratio Lower Upper
112 100
64 65.6 52.6 78.8
63 36.0 28.3 42.5

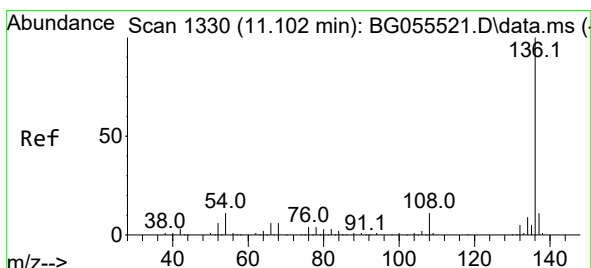
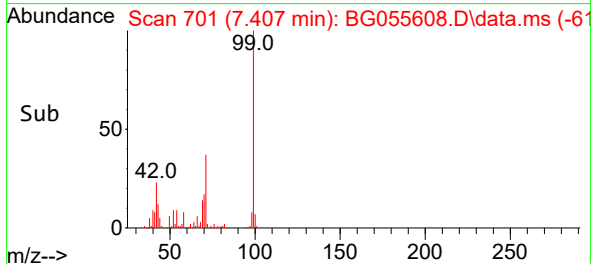
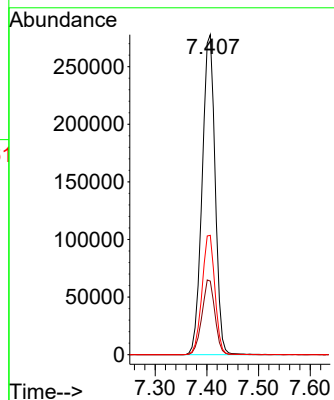
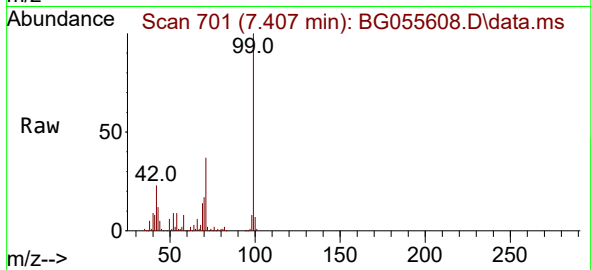




#7
Phenol-d6
Concen: 110.487 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

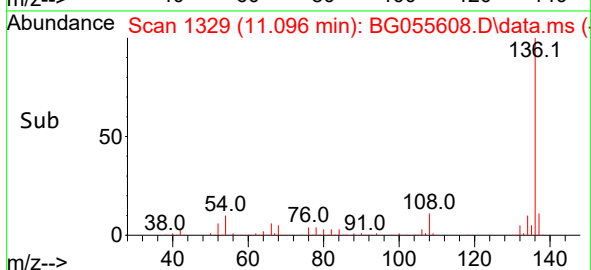
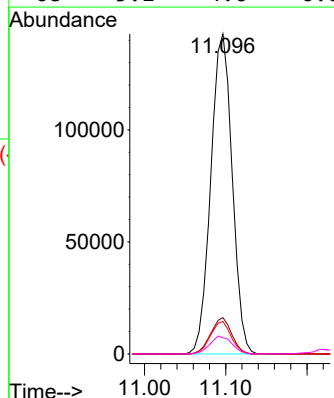
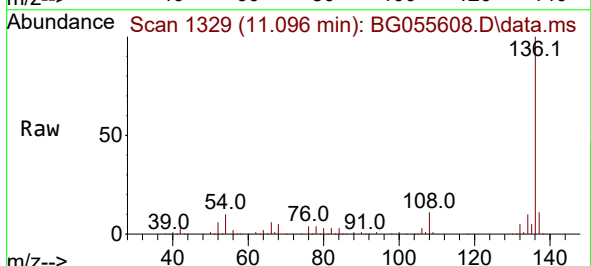
Instrument :
BNA_G
ClientSampleId :
SB-06

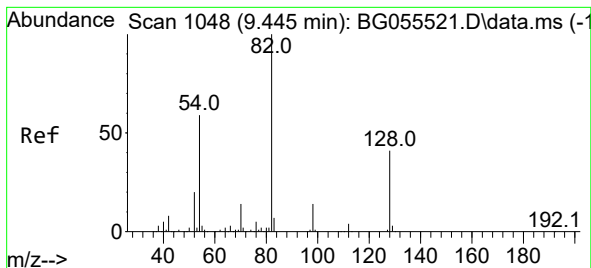
Tgt Ion: 99 Resp: 483732
Ion Ratio Lower Upper
99 100
42 23.0 17.5 26.3
71 37.3 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

Tgt Ion: 136 Resp: 261291
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.2 8.6 12.8
68 5.1 4.6 6.8





#23

Nitrobenzene-d5

Concen: 79.916 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.011 min

Lab File: BG055608.D

Acq: 14 Nov 2022 17:23

Instrument :

BNA_G

ClientSampleId :

SB-06

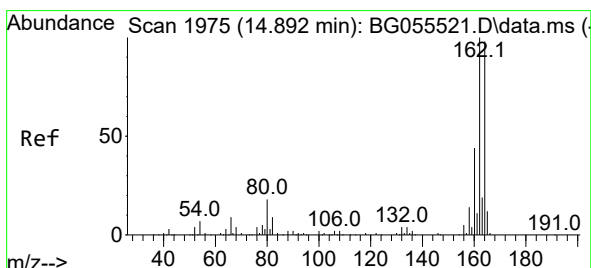
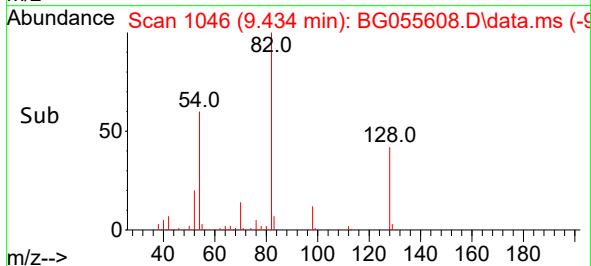
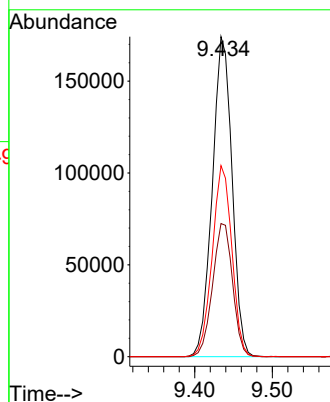
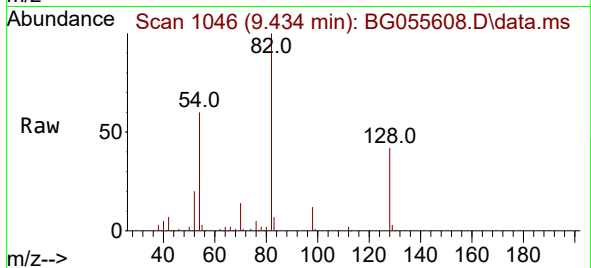
Tgt Ion: 82 Resp: 308021

Ion Ratio Lower Upper

82 100

128 41.6 32.6 49.0

54 59.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055608.D

Acq: 14 Nov 2022 17:23

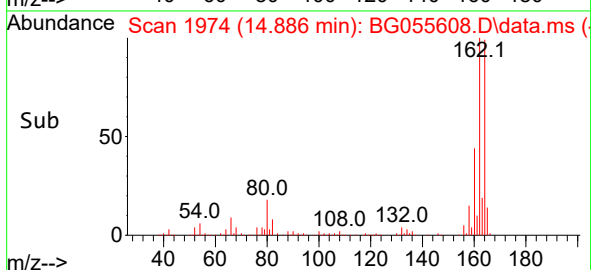
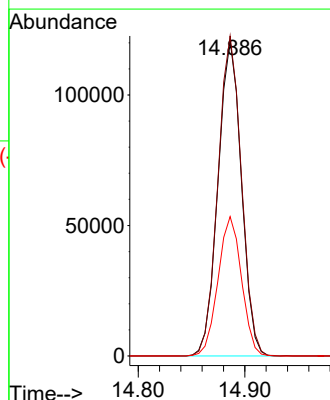
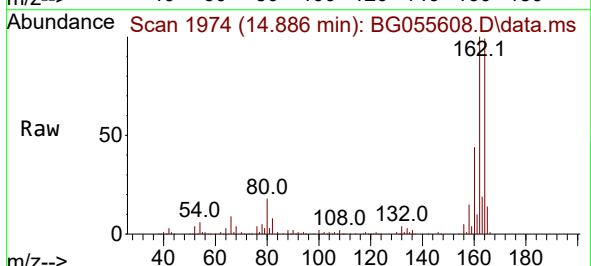
Tgt Ion: 164 Resp: 183122

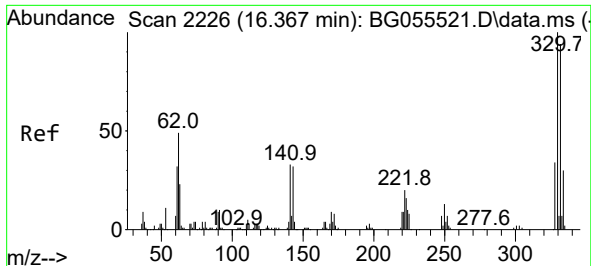
Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 44.2 35.9 53.9

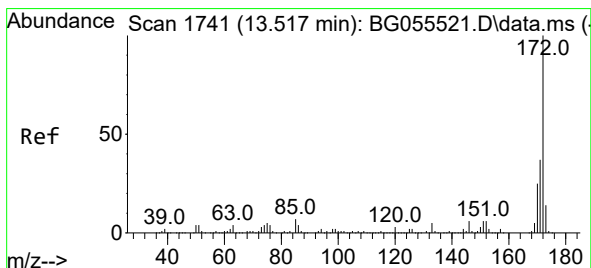
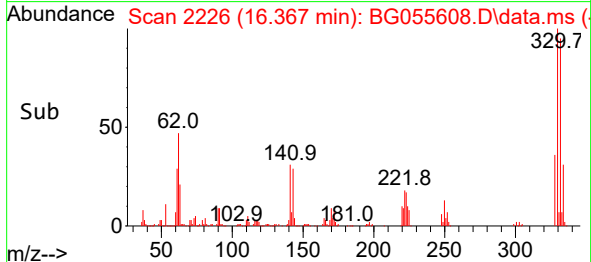
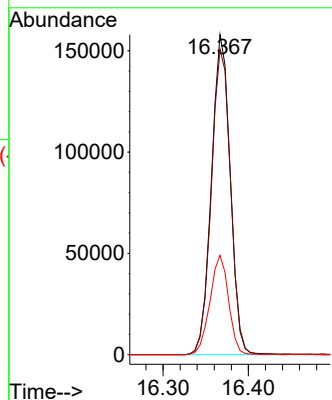
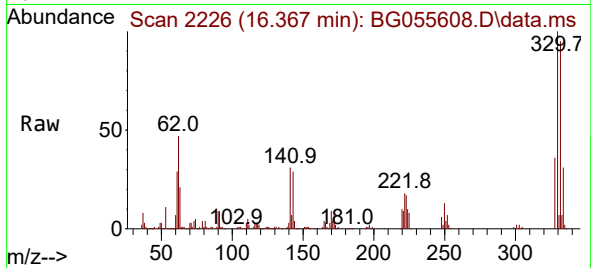




#42
 2,4,6-Tribromophenol
 Concen: 135.559 ng
 RT: 16.367 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055608.D
 Acq: 14 Nov 2022 17:23

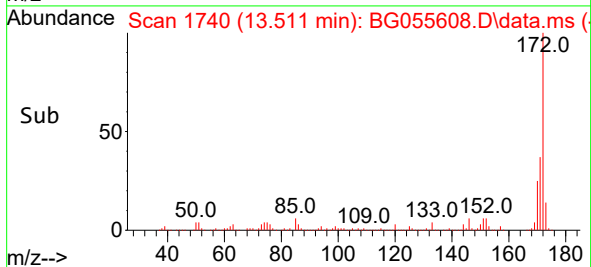
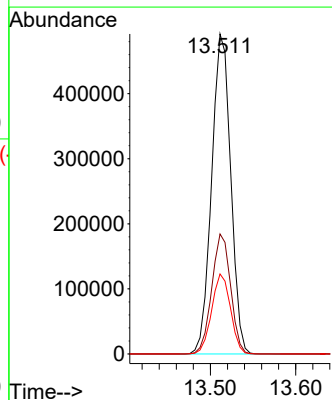
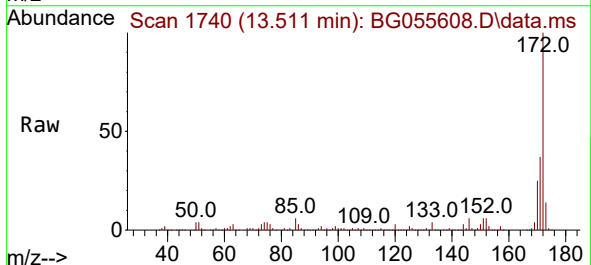
Instrument :
 BNA_G
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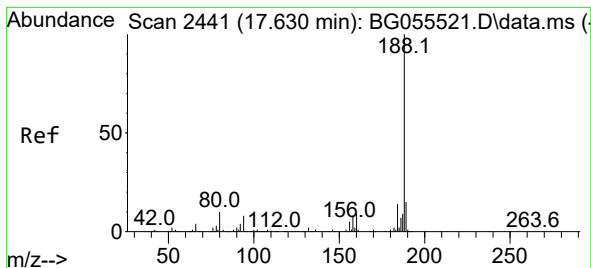
Tgt Ion:330 Resp: 242207
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 30.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 62.908 ng
 RT: 13.511 min Scan# 1740
 Delta R.T. -0.006 min
 Lab File: BG055608.D
 Acq: 14 Nov 2022 17:23

Tgt Ion:172 Resp: 763718
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.7 44.5
 170 25.0 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BG055608.D

Acq: 14 Nov 2022 17:23

Instrument :

BNA_G

ClientSampleId :

SB-06

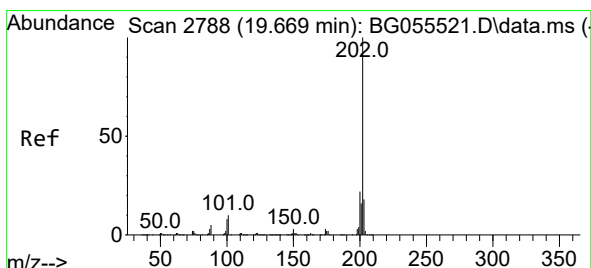
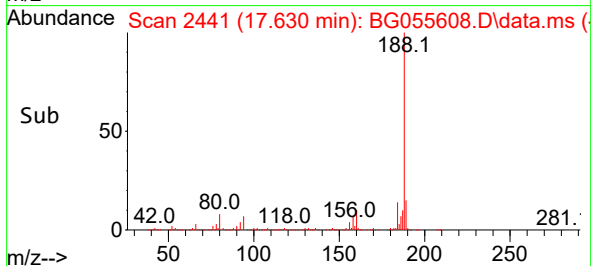
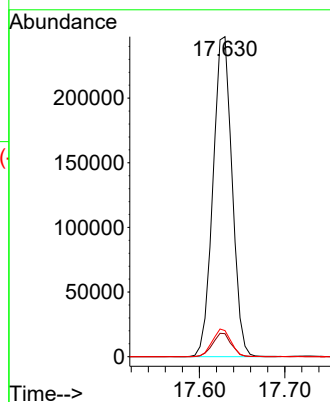
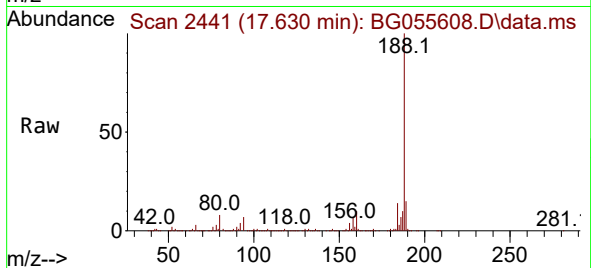
Tgt Ion:188 Resp: 384580

Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.2 7.6 11.4



#75

Fluoranthene

Concen: 2.742 ng

RT: 19.663 min Scan# 2787

Delta R.T. -0.006 min

Lab File: BG055608.D

Acq: 14 Nov 2022 17:23

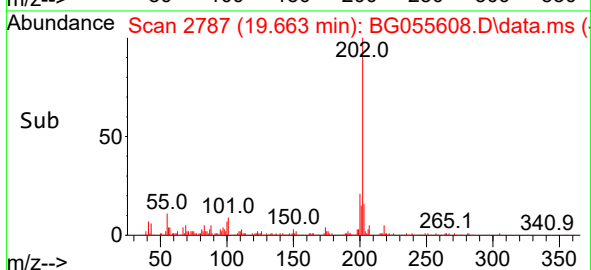
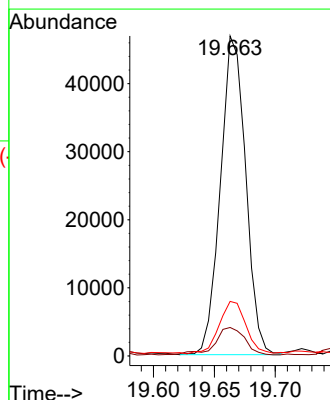
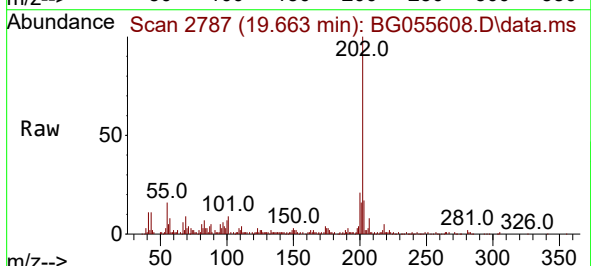
Tgt Ion:202 Resp: 67583

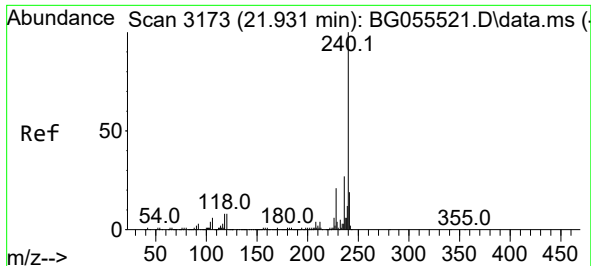
Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.8

203 17.1 0.0 38.2

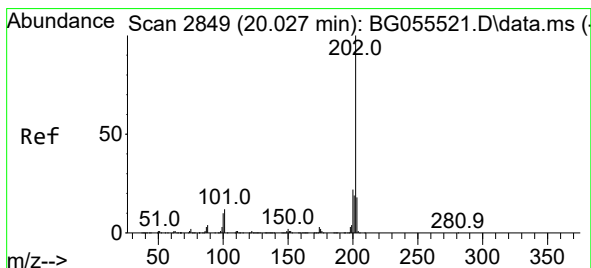
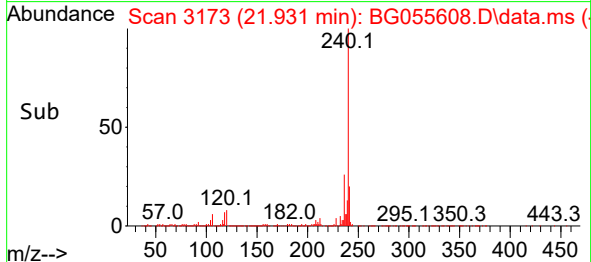
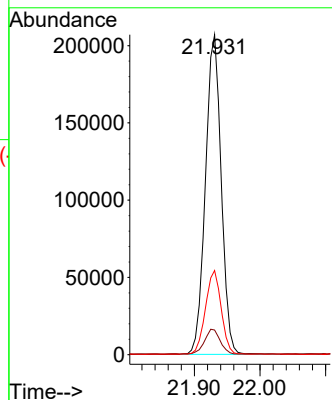
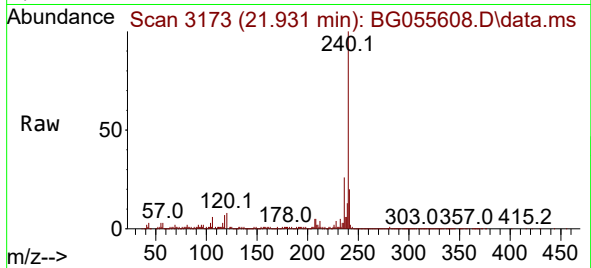




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

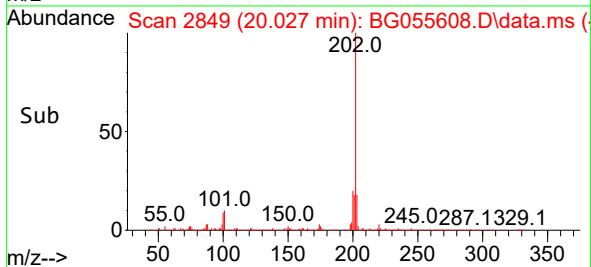
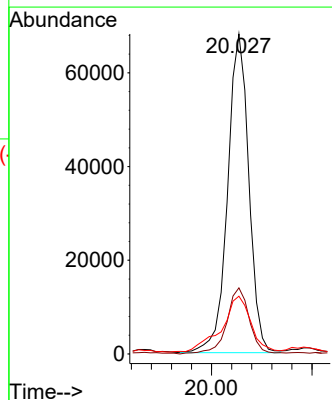
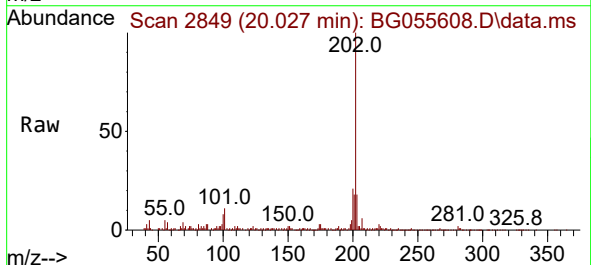
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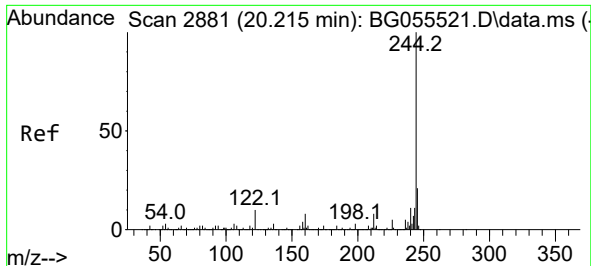
Tgt Ion:240 Resp: 346283
Ion Ratio Lower Upper
240 100
120 7.7 6.1 9.1
236 26.3 21.4 32.0



#78
Pyrene
Concen: 4.262 ng
RT: 20.027 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

Tgt Ion:202 Resp: 99875
Ion Ratio Lower Upper
202 100
200 20.7 18.0 27.0
203 18.0 14.2 21.2

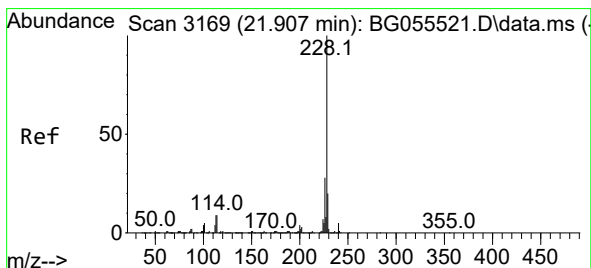
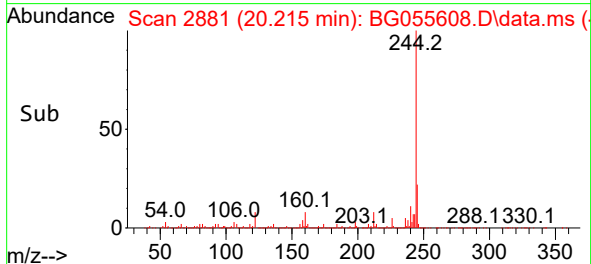
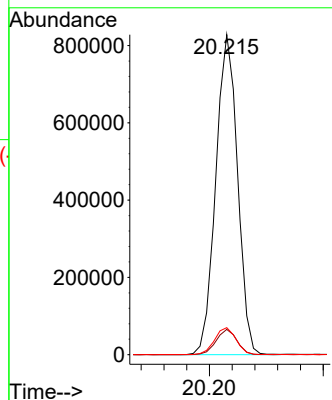
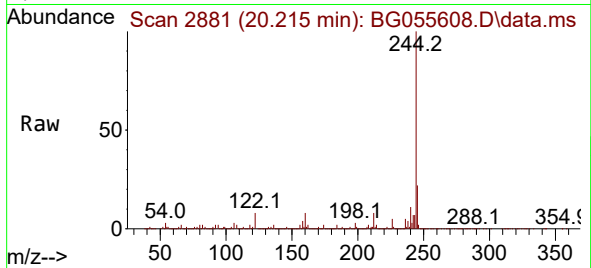




#79
 Terphenyl-d14
 Concen: 63.858 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. 0.000 min
 Lab File: BG055608.D
 Acq: 14 Nov 2022 17:23

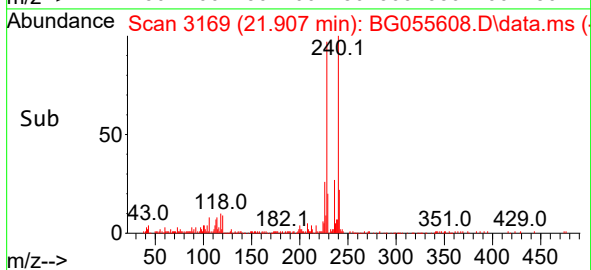
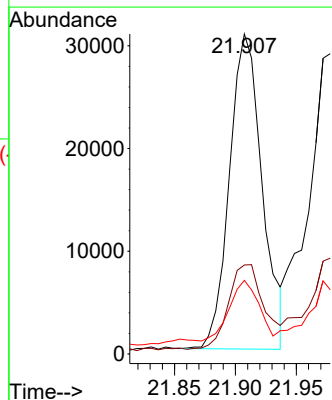
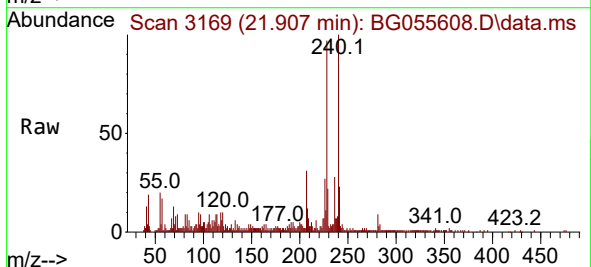
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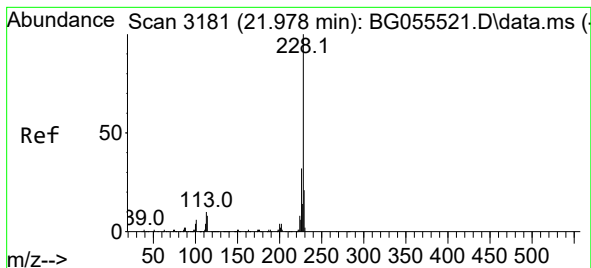
Tgt Ion:244 Resp: 1100934
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.5 7.7 11.5



#81
 Benzo(a)anthracene
 Concen: 2.416 ng
 RT: 21.907 min Scan# 3169
 Delta R.T. 0.000 min
 Lab File: BG055608.D
 Acq: 14 Nov 2022 17:23

Tgt Ion:228 Resp: 57294
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 34.0
 229 23.0 16.1 24.1





#83

Chrysene

Concen: 2.702 ng

RT: 21.978 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG055608.D

Acq: 14 Nov 2022 17:23

Instrument :

BNA_G

ClientSampleId :

SB-06

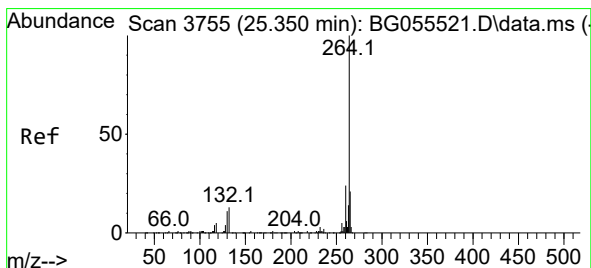
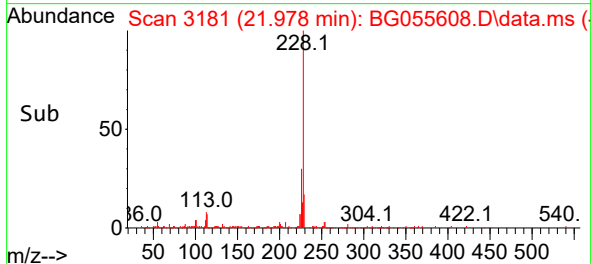
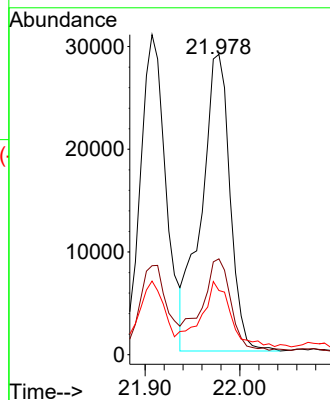
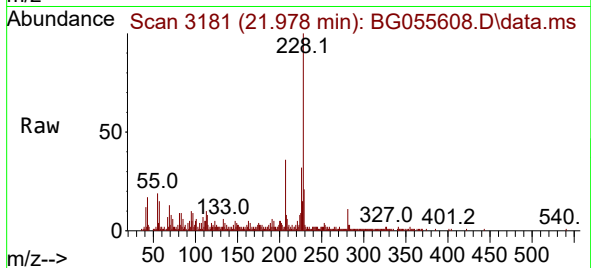
Tgt Ion:228 Resp: 60951

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

229 21.4 16.6 25.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.356 min Scan# 3756

Delta R.T. 0.006 min

Lab File: BG055608.D

Acq: 14 Nov 2022 17:23

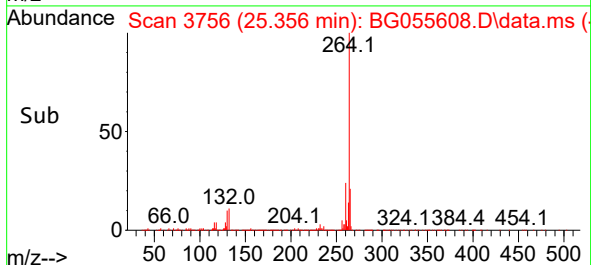
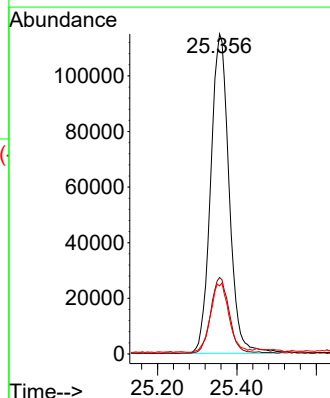
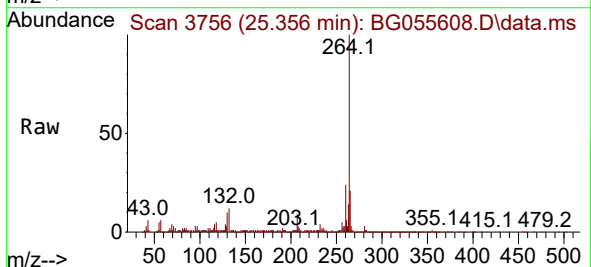
Tgt Ion:264 Resp: 370181

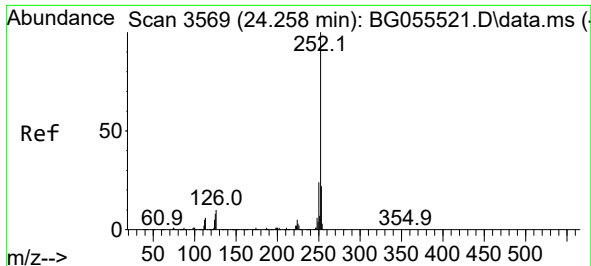
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.2 17.1 25.7

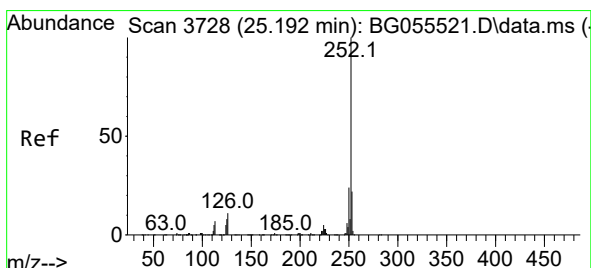
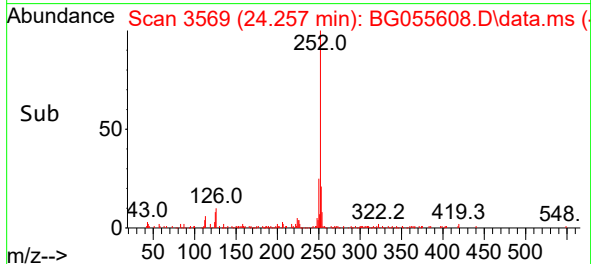
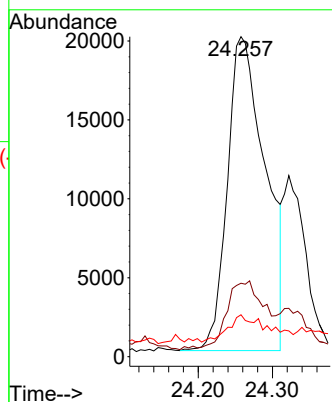
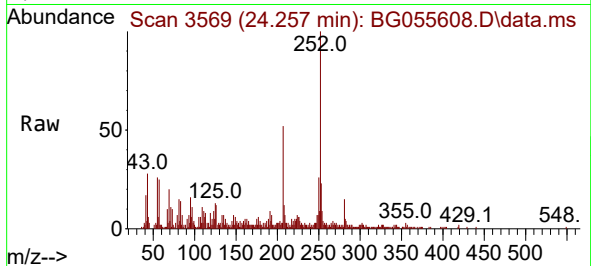




#88
Benzo(b)fluoranthene
Concen: 3.018 ng
RT: 24.257 min Scan# 3569
Delta R.T. -0.001 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

Instrument :
BNA_G
ClientSampleId :
SB-06

Tgt Ion:252 Resp: 70797
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 13.1 6.7 10.1#



#90
Benzo(a)pyrene
Concen: 2.890 ng
RT: 25.192 min Scan# 3728
Delta R.T. -0.000 min
Lab File: BG055608.D
Acq: 14 Nov 2022 17:23

Tgt Ion:252 Resp: 58391
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.6 6.7 10.1#

