

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056570.D
 Acq On : 7 Feb 2023 16:40
 Operator : CG/JU
 Sample : 01463-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-6

Quant Time: Feb 08 03:06:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

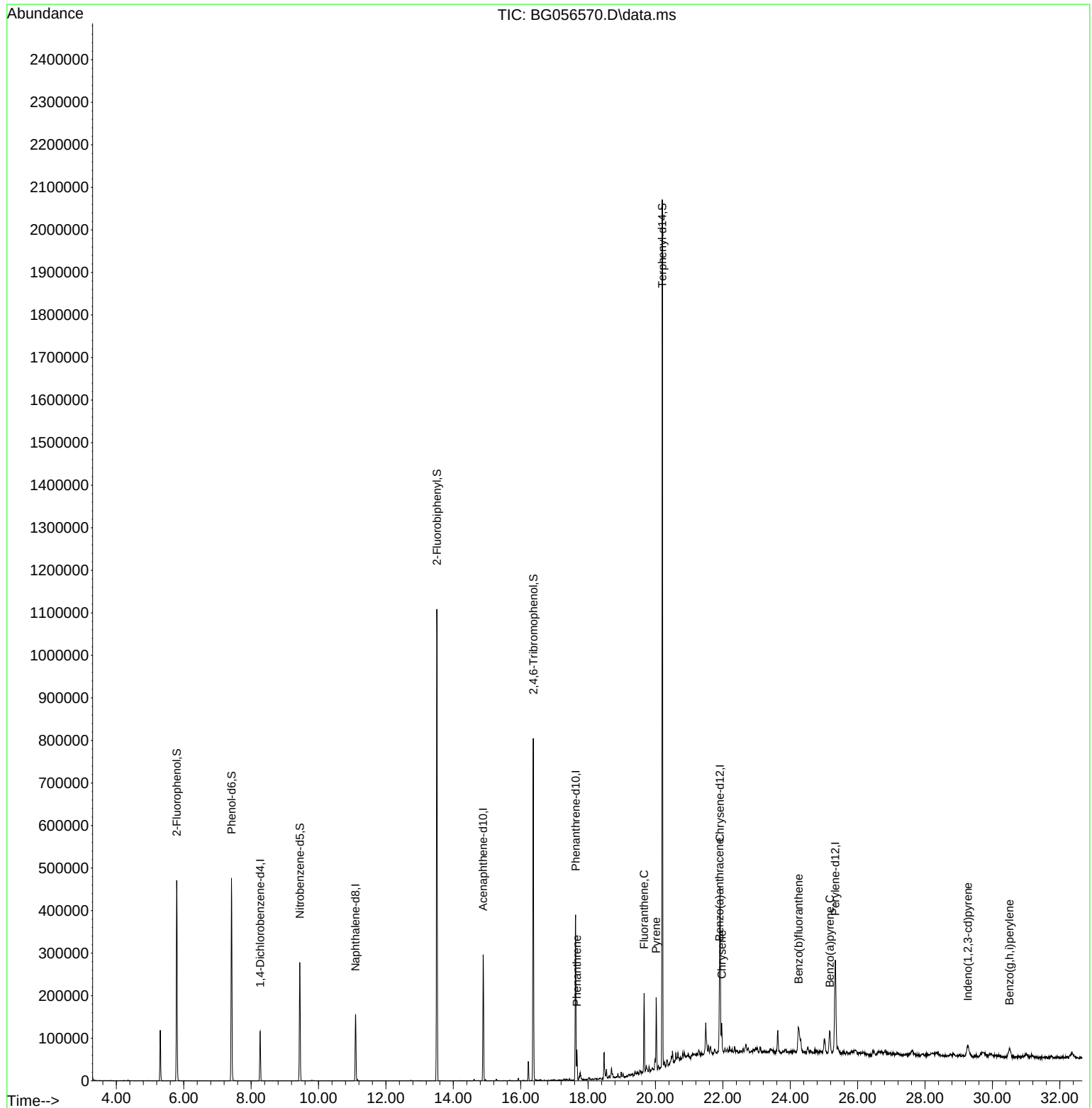
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	39379	20.000	ng	# 0.00
21) Naphthalene-d8	11.097	136	150903	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	112881	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	268440	20.000	ng	0.00
76) Chrysene-d12	21.913	240	239811	20.000	ng	-0.01
86) Perylene-d12	25.339	264	265601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	268818	125.578	ng	0.00
7) Phenol-d6	7.419	99	371471	117.119	ng	0.00
23) Nitrobenzene-d5	9.446	82	197319	74.251	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	169465	112.925	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	639701	78.569	ng	0.00
79) Terphenyl-d14	20.204	244	1080338	79.123	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.665	178	49689	3.537	ng	95
75) Fluoranthene	19.663	202	122975	6.935	ng	98
78) Pyrene	20.021	202	110394	6.472	ng	100
81) Benzo(a)anthracene	21.896	228	65384	3.900	ng	99
83) Chrysene	21.966	228	56211	3.569	ng	97
87) Indeno(1,2,3-cd)pyrene	29.269	276	44522	2.290	ng	# 90
88) Benzo(b)fluoranthene	24.246	252	89506	5.429	ng	99
90) Benzo(a)pyrene	25.174	252	61297	3.775	ng	# 96
92) Benzo(g,h,i)perylene	30.503	276	43792	2.781	ng	# 95

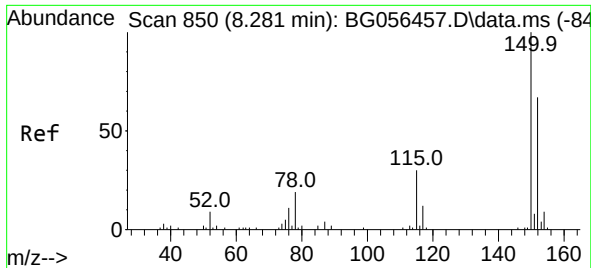
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056570.D
Acq On : 7 Feb 2023 16:40
Operator : CG/JU
Sample : 01463-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-6

Quant Time: Feb 08 03:06:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

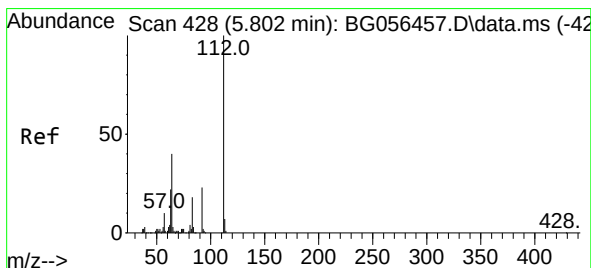
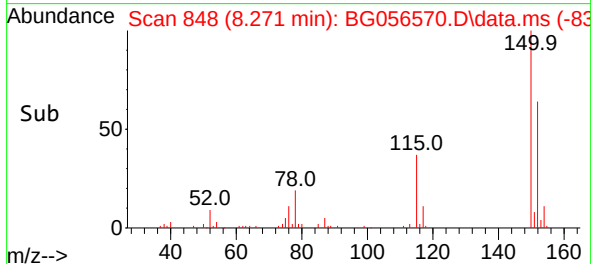
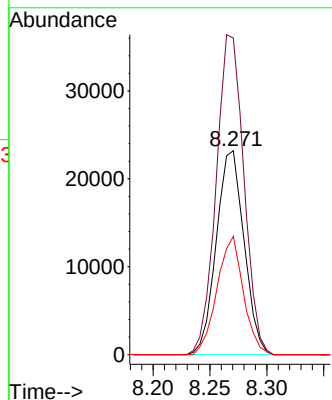
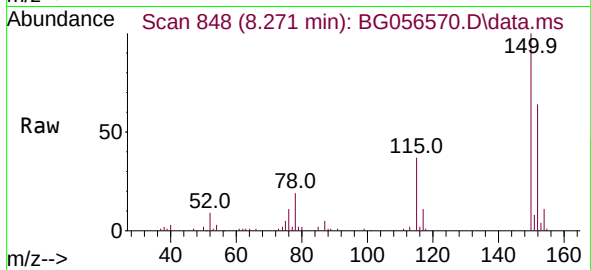




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

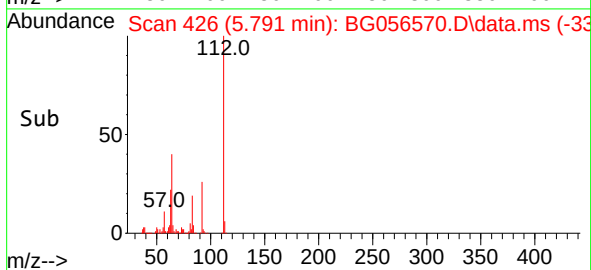
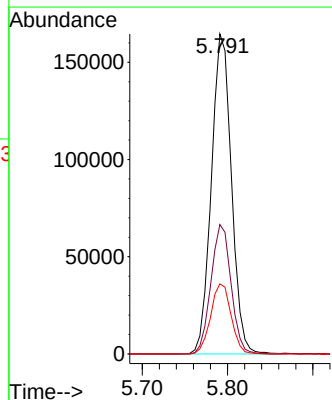
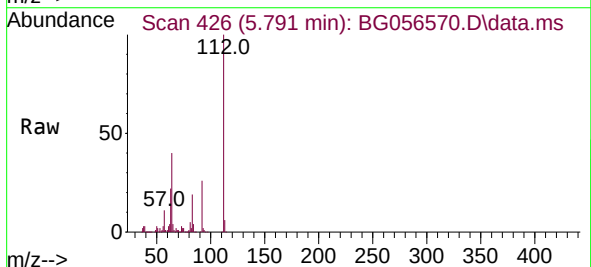
Instrument :
BNA_G
ClientSampleId :
COMP-6

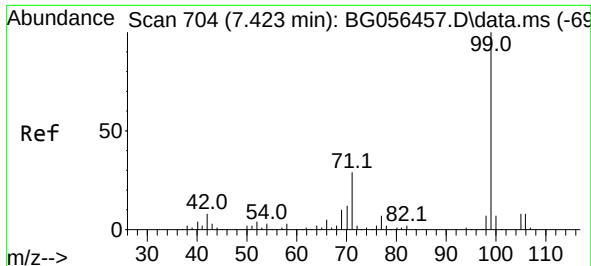
Tgt Ion:152 Resp: 39379
Ion Ratio Lower Upper
152 100
150 155.3 120.2 180.4
115 57.9 36.3 54.5#



#5
2-Fluorophenol
Concen: 125.578 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.001 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

Tgt Ion:112 Resp: 268818
Ion Ratio Lower Upper
112 100
64 40.4 31.9 47.9
63 21.9 17.4 26.0

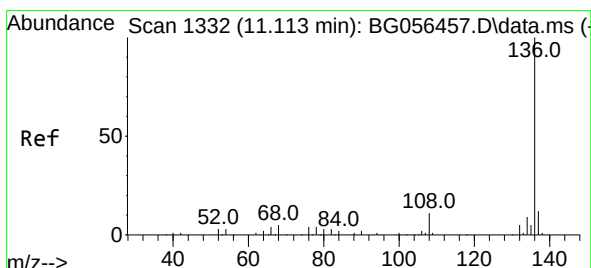
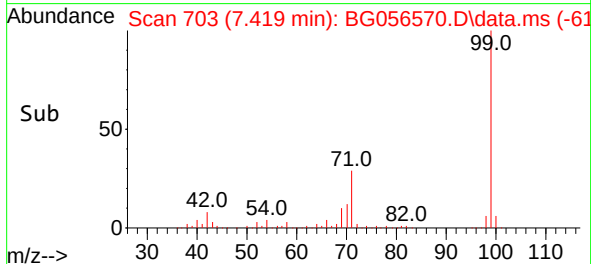
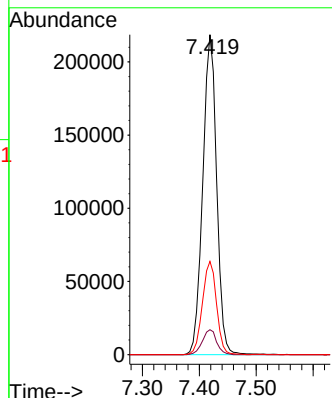
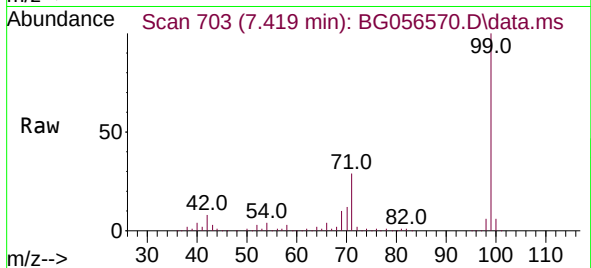




#7
Phenol-d6
Concen: 117.119 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

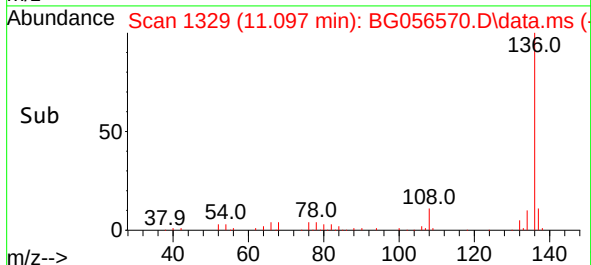
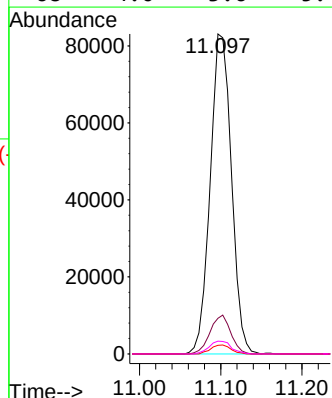
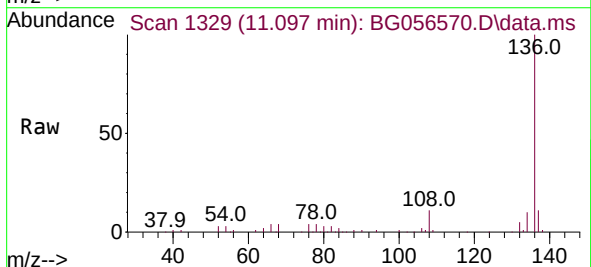
Instrument :
BNA_G
ClientSampleId :
COMP-6

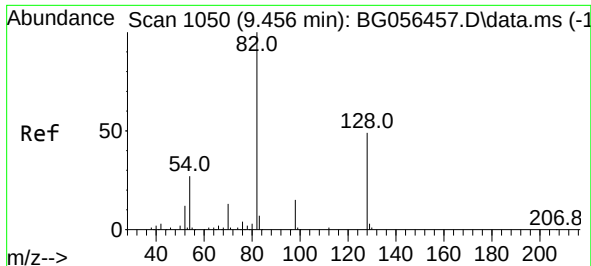
Tgt Ion: 99 Resp: 371471
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 29.1 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.005 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

Tgt Ion: 136 Resp: 150903
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.7 2.2 3.4
68 4.0 3.6 5.4





#23

Nitrobenzene-d5

Concen: 74.251 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.001 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

Instrument :

BNA_G

ClientSampleId :

COMP-6

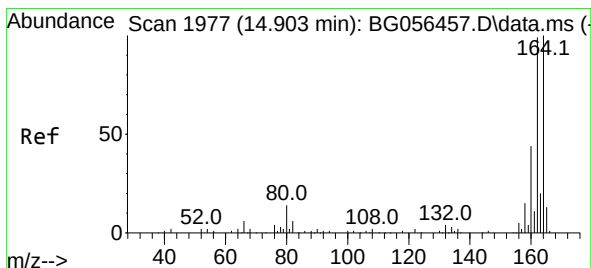
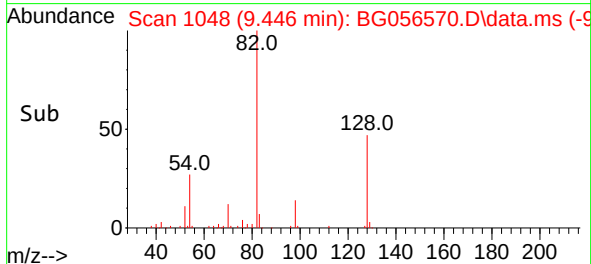
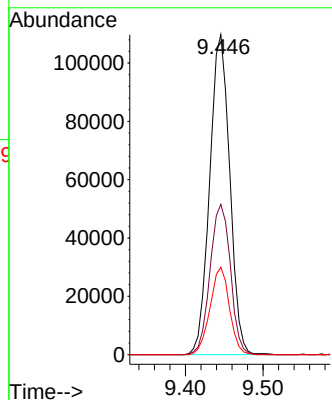
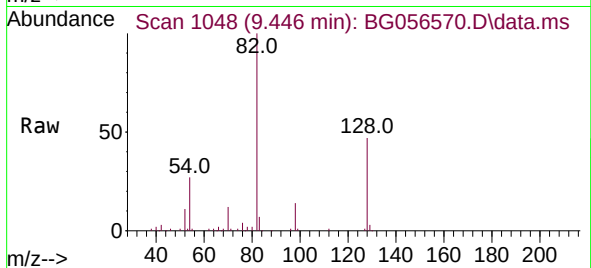
Tgt Ion: 82 Resp: 197319

Ion Ratio Lower Upper

82 100

128 46.9 39.4 59.2

54 27.3 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.005 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

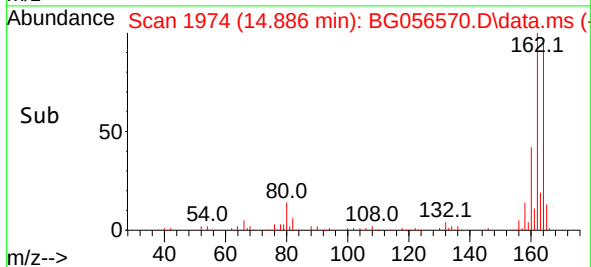
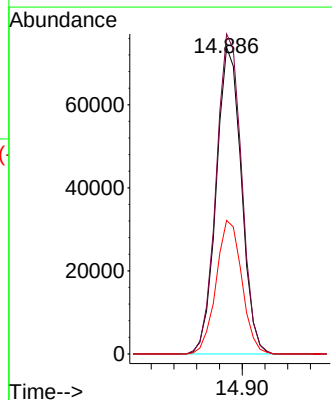
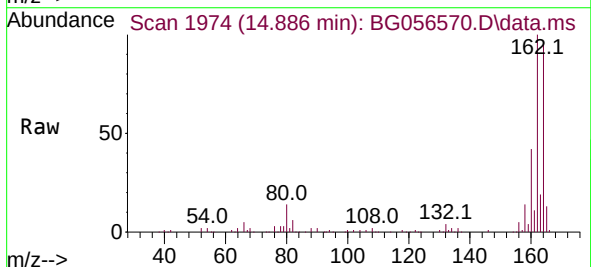
Tgt Ion:164 Resp: 112881

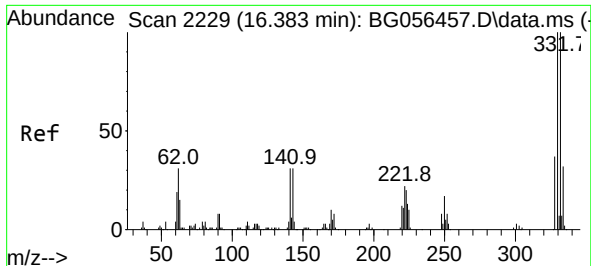
Ion Ratio Lower Upper

164 100

162 104.3 79.6 119.4

160 43.6 34.9 52.3

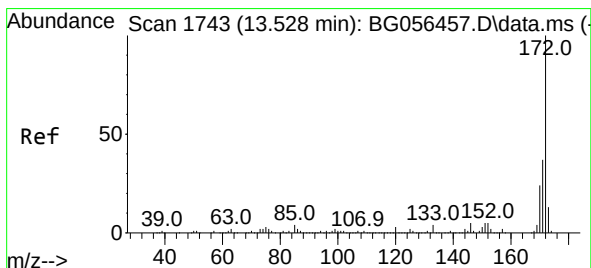
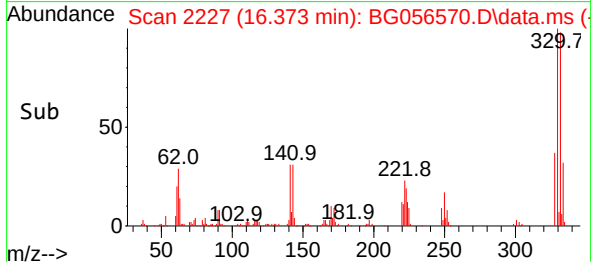
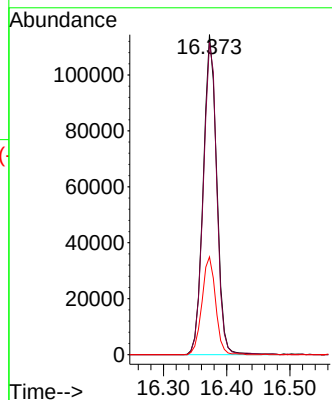
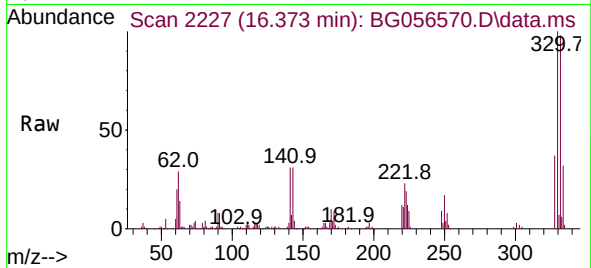




#42
2,4,6-Tribromophenol
Concen: 112.925 ng
RT: 16.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

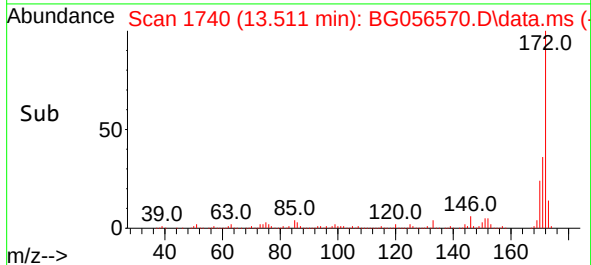
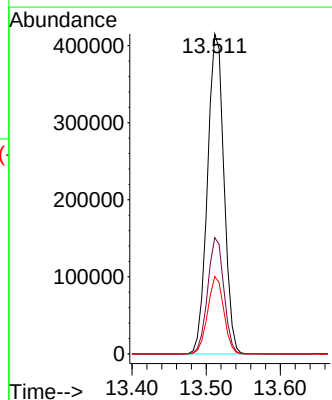
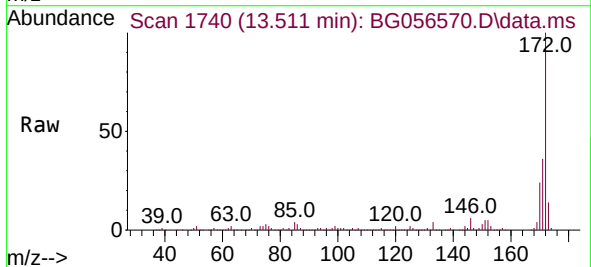
Instrument :
BNA_G
ClientSampleId :
COMP-6

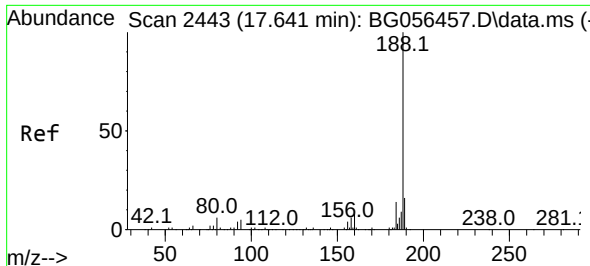
Tgt Ion:330 Resp: 169465
Ion Ratio Lower Upper
330 100
332 97.4 79.0 118.6
141 30.8 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 78.569 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

Tgt Ion:172 Resp: 639701
Ion Ratio Lower Upper
172 100
171 36.3 29.5 44.3
170 24.2 19.2 28.8

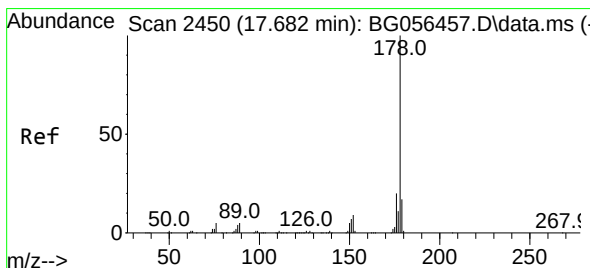
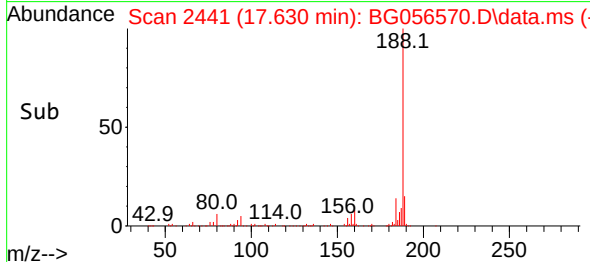
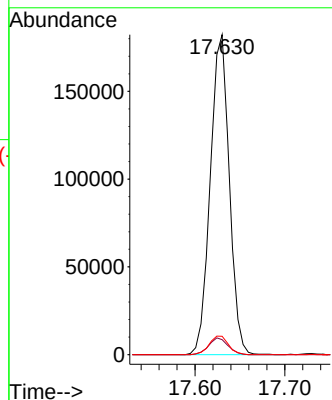
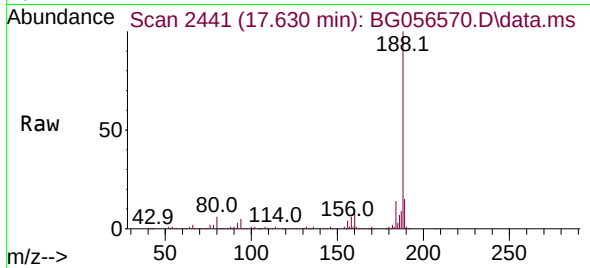




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

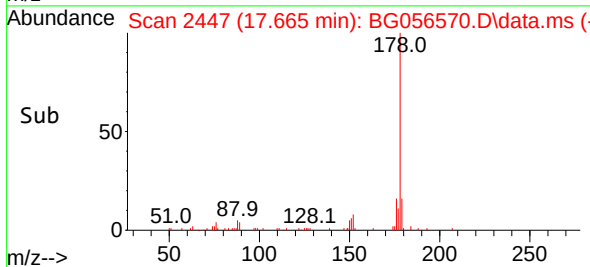
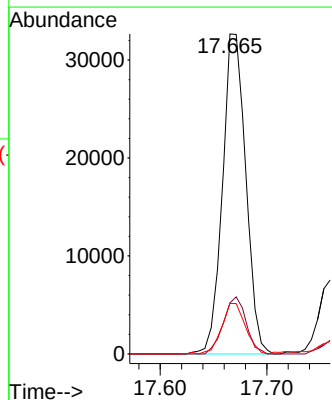
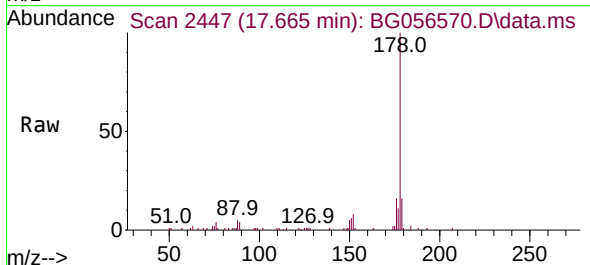
Instrument :
BNA_G
ClientSampleId :
COMP-6

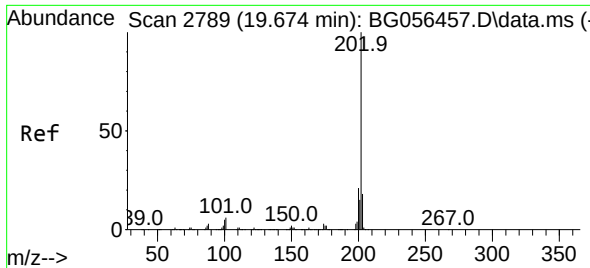
Tgt Ion:188 Resp: 268440
Ion Ratio Lower Upper
188 100
94 4.7 4.1 6.1
80 5.7 5.0 7.4



#71
Phenanthrene
Concen: 3.537 ng
RT: 17.665 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

Tgt Ion:178 Resp: 49689
Ion Ratio Lower Upper
178 100
176 15.9 15.6 23.4
179 15.8 13.3 19.9

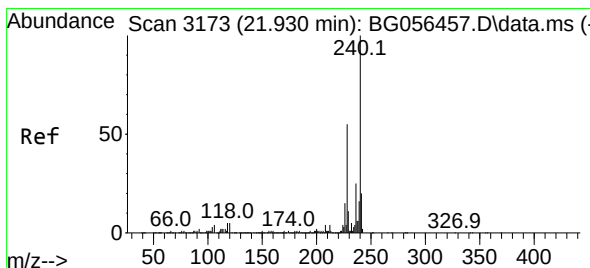
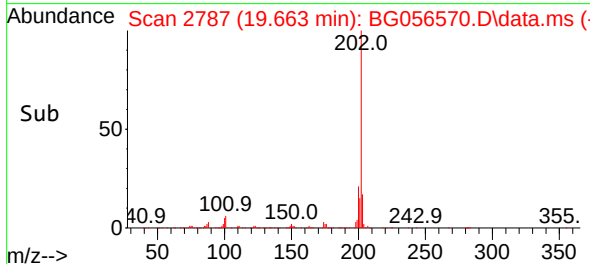
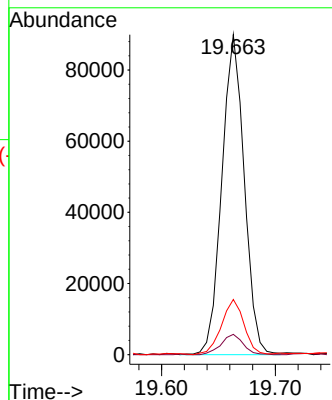
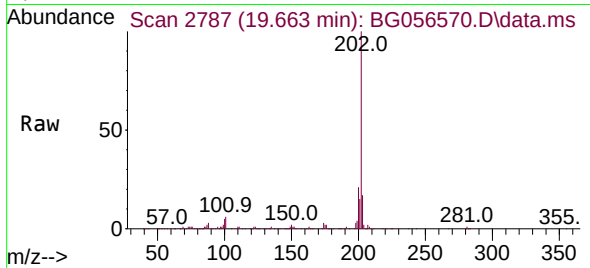




#75
Fluoranthene
Concen: 6.935 ng
RT: 19.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

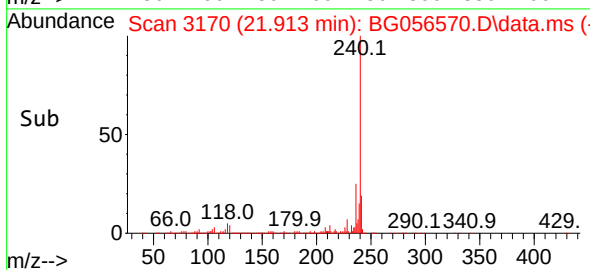
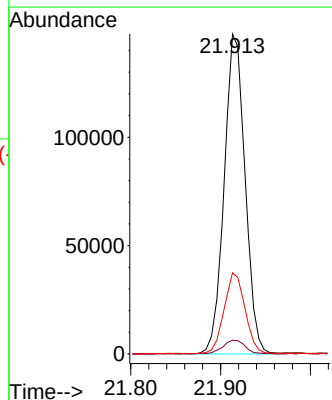
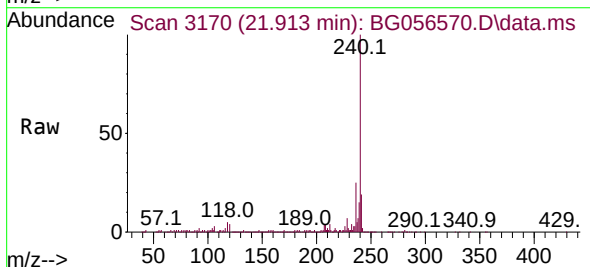
Instrument :
BNA_G
ClientSampleId :
COMP-6

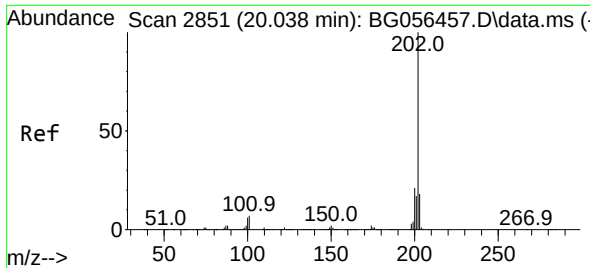
Tgt Ion:202 Resp: 122975
Ion Ratio Lower Upper
202 100
101 6.4 0.0 25.6
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.011 min
Lab File: BG056570.D
Acq: 7 Feb 2023 16:40

Tgt Ion:240 Resp: 239811
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.3 20.2 30.2

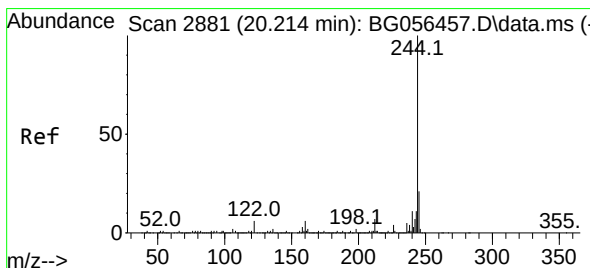
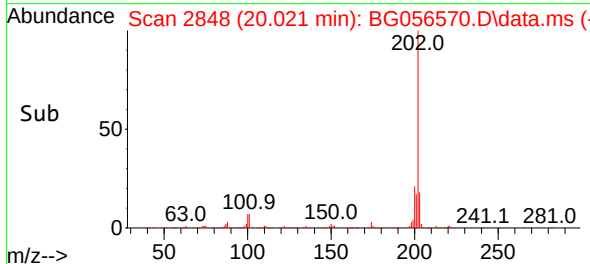
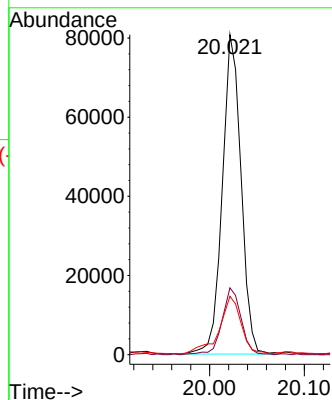
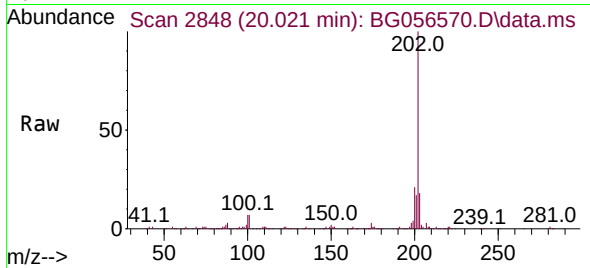




#78
 Pyrene
 Concen: 6.472 ng
 RT: 20.021 min Scan# 2848
 Delta R.T. -0.005 min
 Lab File: BG056570.D
 Acq: 7 Feb 2023 16:40

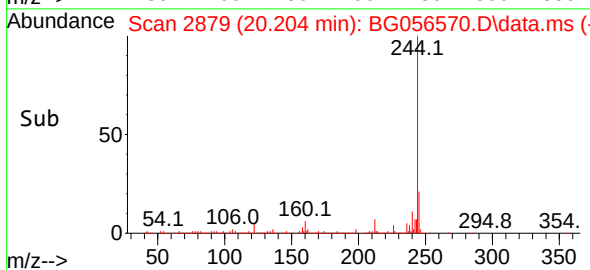
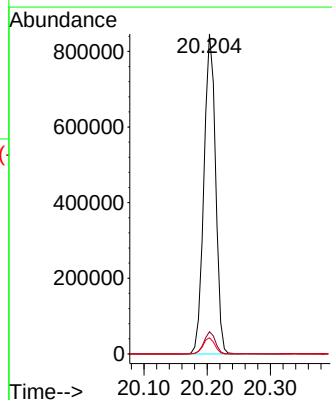
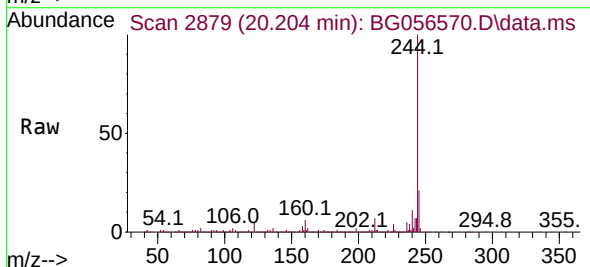
Instrument :
 BNA_G
 ClientSampleId :
 COMP-6

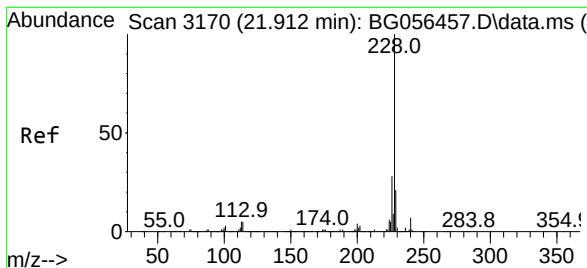
Tgt Ion:202 Resp: 110394
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 18.2 14.4 21.6



#79
 Terphenyl-d14
 Concen: 79.123 ng
 RT: 20.204 min Scan# 2879
 Delta R.T. -0.005 min
 Lab File: BG056570.D
 Acq: 7 Feb 2023 16:40

Tgt Ion:244 Resp: 1080338
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 5.0 4.4 6.6





#81

Benzo(a)anthracene

Concen: 3.900 ng

RT: 21.896 min Scan# 3170

Delta R.T. -0.005 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

Instrument :

BNA_G

ClientSampleId :

COMP-6

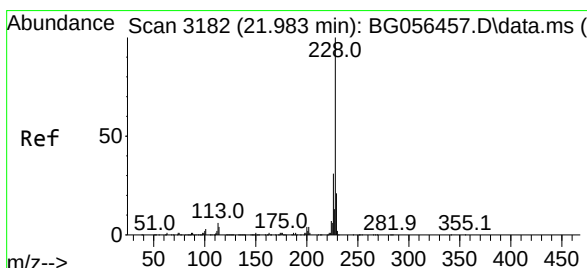
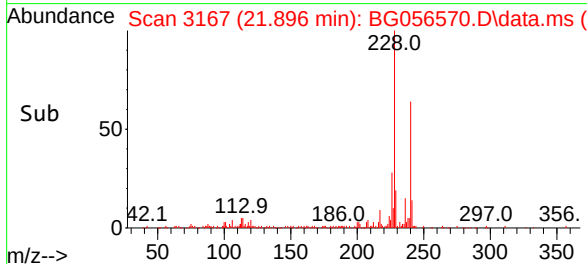
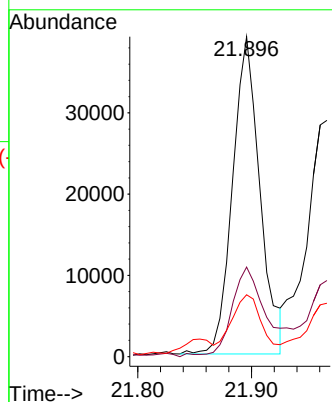
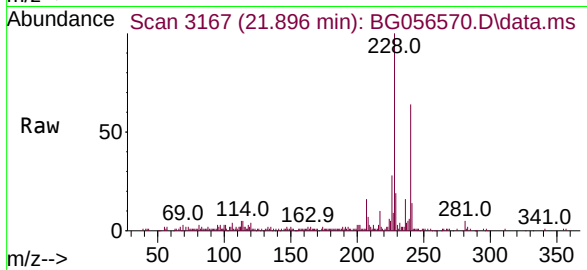
Tgt Ion:228 Resp: 65384

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

229 19.3 16.5 24.7



#83

Chrysene

Concen: 3.569 ng

RT: 21.966 min Scan# 3179

Delta R.T. -0.005 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

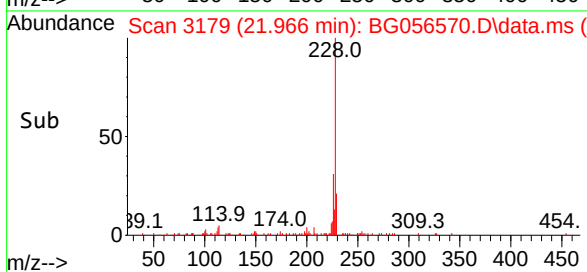
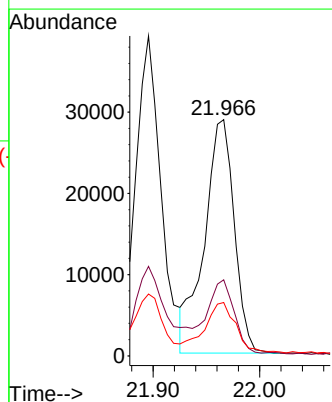
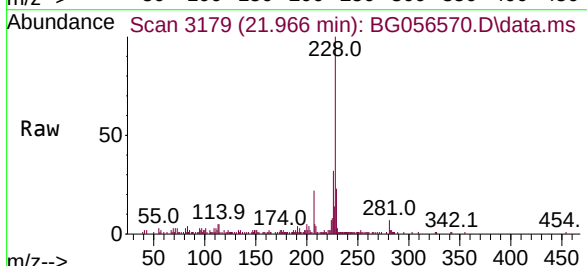
Tgt Ion:228 Resp: 56211

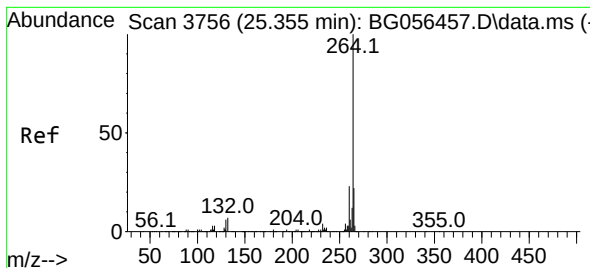
Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.4

229 22.6 16.4 24.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.339 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

Instrument :

BNA_G

ClientSampleId :

COMP-6

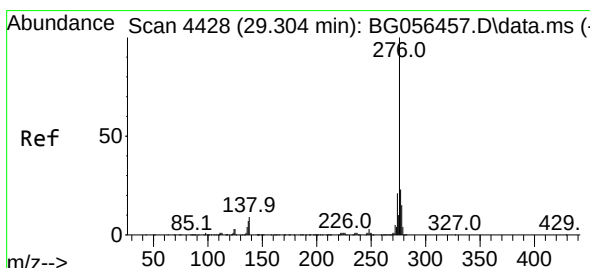
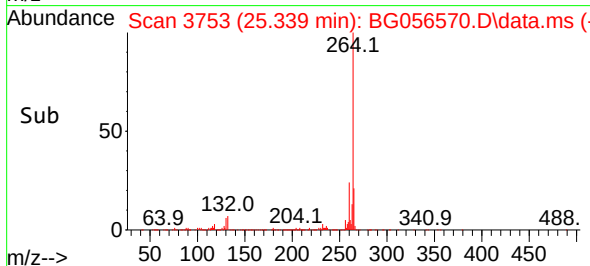
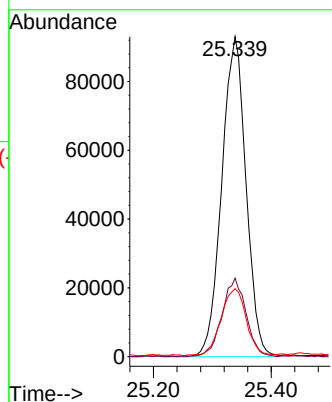
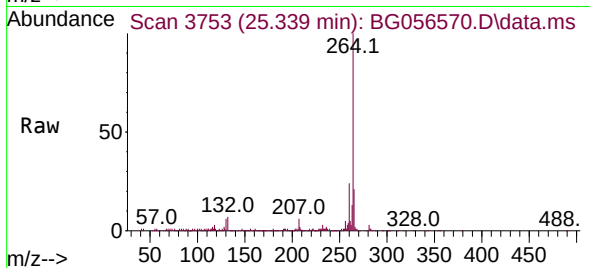
Tgt Ion:264 Resp: 265601

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.2 18.1 27.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.290 ng

RT: 29.269 min Scan# 4422

Delta R.T. -0.017 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

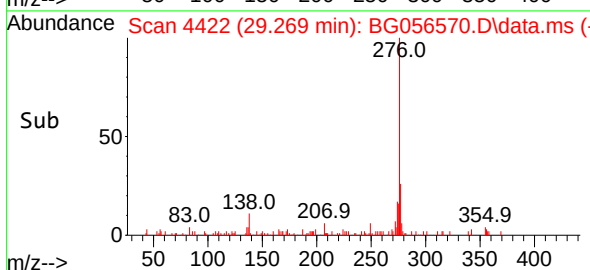
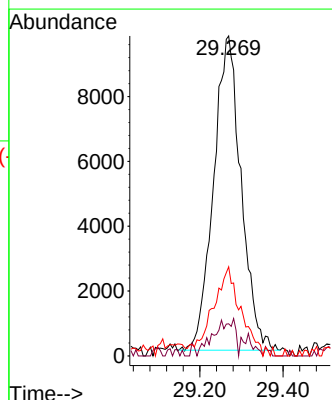
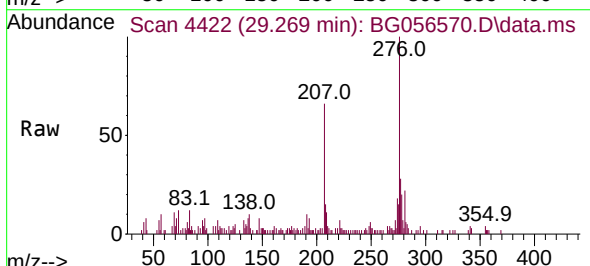
Tgt Ion:276 Resp: 44522

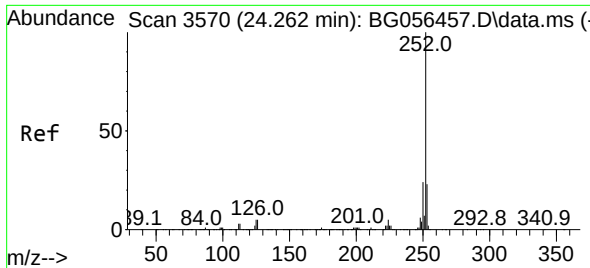
Ion Ratio Lower Upper

276 100

138 5.2 9.4 14.2#

277 28.9 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 5.429 ng

RT: 24.246 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

Instrument :

BNA_G

ClientSampleId :

COMP-6

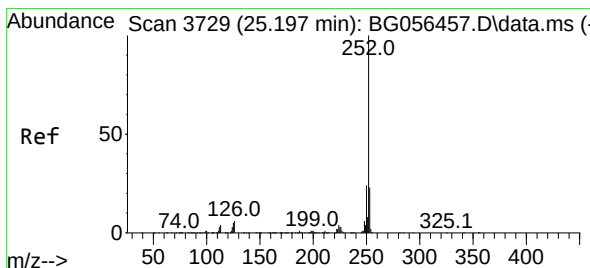
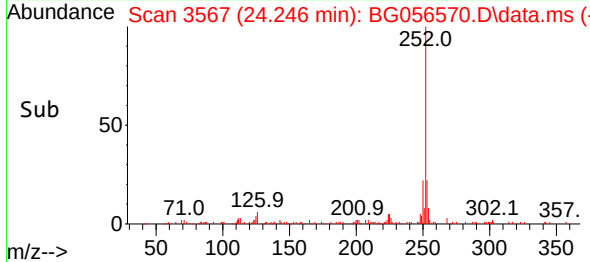
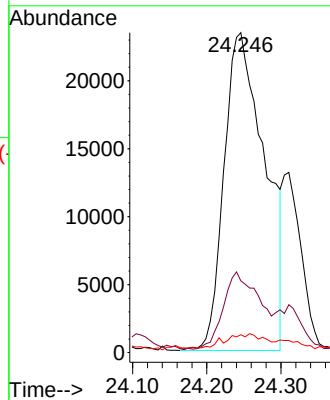
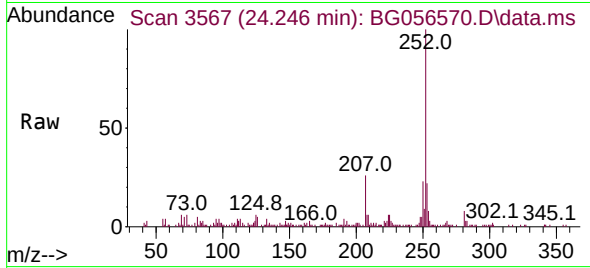
Tgt Ion:252 Resp: 89506

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 5.6 3.9 5.9



#90

Benzo(a)pyrene

Concen: 3.775 ng

RT: 25.174 min Scan# 3725

Delta R.T. -0.005 min

Lab File: BG056570.D

Acq: 7 Feb 2023 16:40

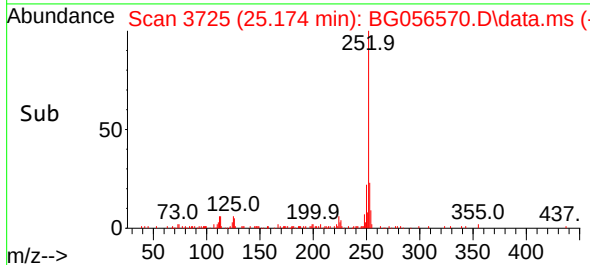
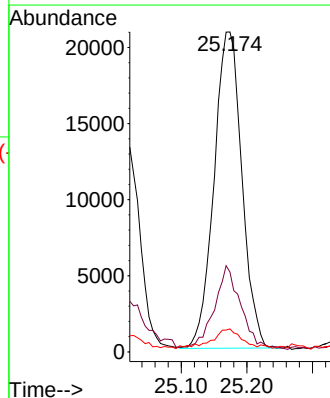
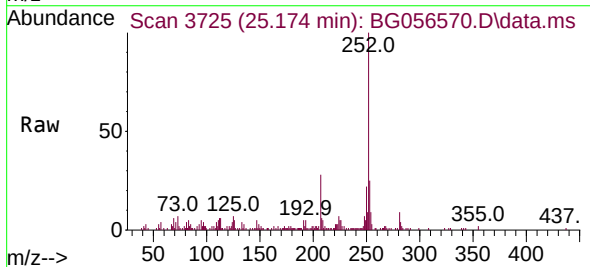
Tgt Ion:252 Resp: 61297

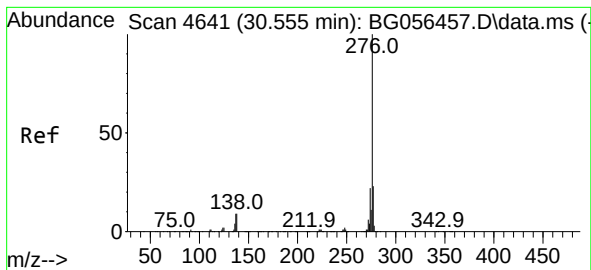
Ion Ratio Lower Upper

252 100

253 24.9 18.4 27.6

125 7.2 4.1 6.1#





#92

Benzo(g,h,i)perylene

Concen: 2.781 ng

RT: 30.503 min Scan# 4632

Delta R.T. -0.022 min

Lab File: BG056570.D

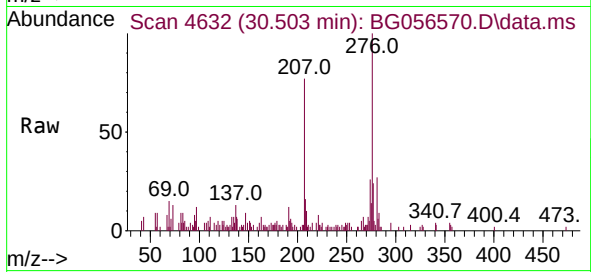
Acq: 7 Feb 2023 16:40

Instrument :

BNA_G

ClientSampleId :

COMP-6



Tgt Ion:276 Resp: 43792

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 13.8 7.4 11.0#

