

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057185.D
 Acq On : 25 Apr 2023 20:43
 Operator : CG/JU
 Sample : 02470-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Quant Time: Apr 26 00:25:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

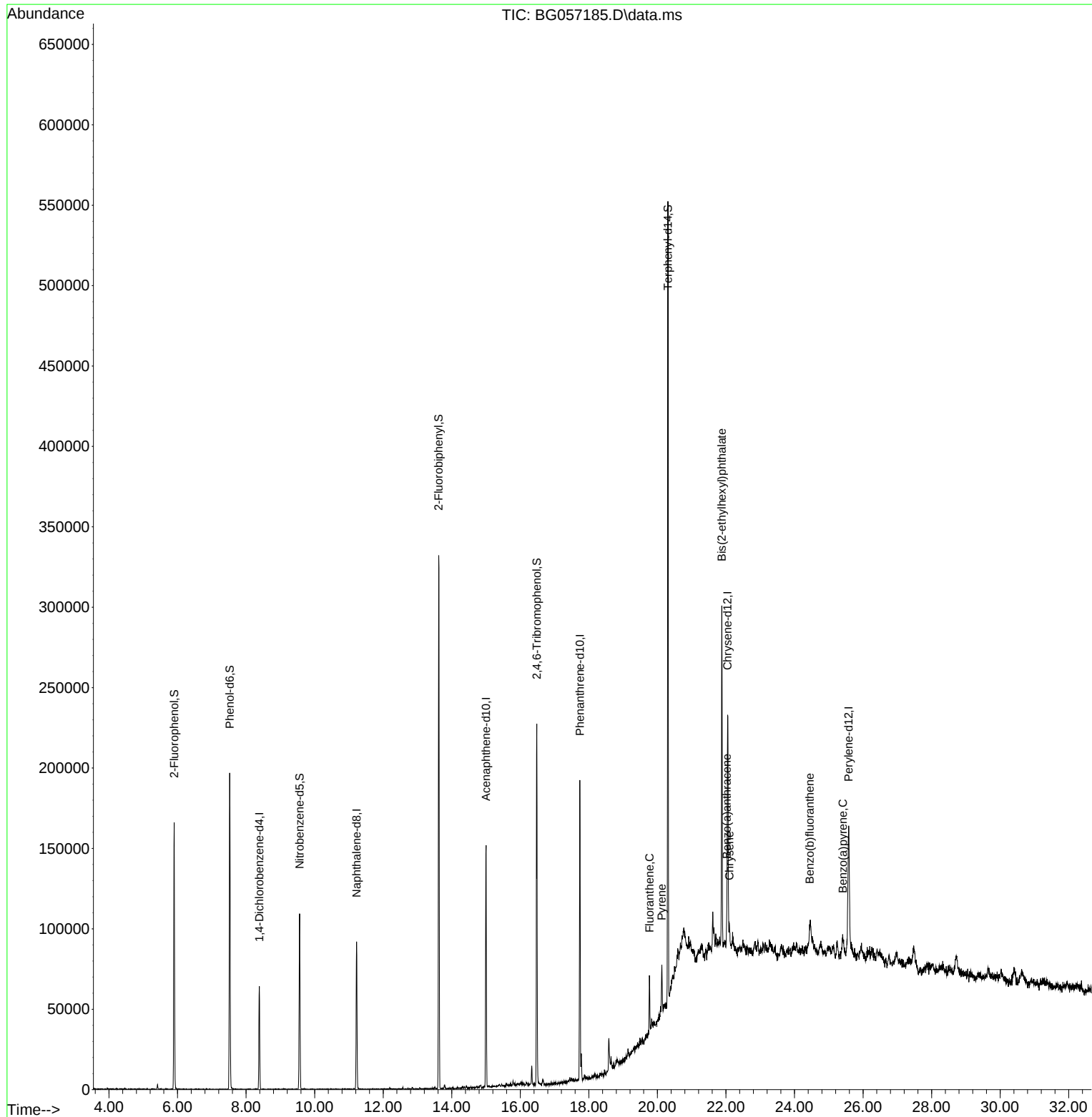
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	17690	20.000	ng	0.00
21) Naphthalene-d8	11.222	136	73571	20.000	ng	0.00
39) Acenaphthene-d10	15.000	164	53326	20.000	ng	0.00
64) Phenanthrene-d10	17.737	188	117478	20.000	ng	# 0.00
76) Chrysene-d12	22.049	240	92069	20.000	ng	#-0.01
86) Perylene-d12	25.579	264	100498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	69165	70.853	ng	0.00
7) Phenol-d6	7.522	99	108211	76.615	ng	0.00
23) Nitrobenzene-d5	9.560	82	66255	44.520	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	43534	61.874	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	174216	43.906	ng	-0.01
79) Terphenyl-d14	20.304	244	249791	47.455	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	19.770	202	22546	3.026	ng	94
78) Pyrene	20.128	202	20907	3.345	ng	97
81) Benzo(a)anthracene	22.025	228	14148	2.235	ng	# 92
83) Chrysene	22.102	228	13185	2.160	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.879	149	83267	33.438	ng	98
88) Benzo(b)fluoranthene	24.446	252	19631	3.116	ng	# 79
90) Benzo(a)pyrene	25.409	252	12919	2.082	ng	# 81

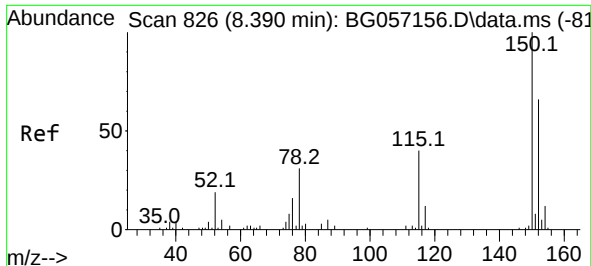
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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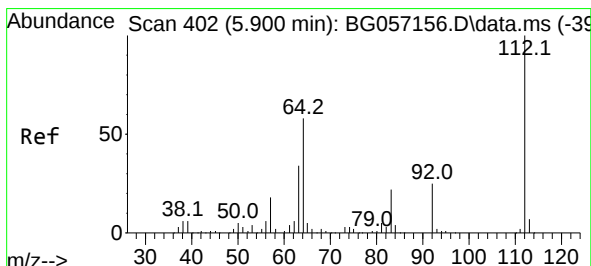
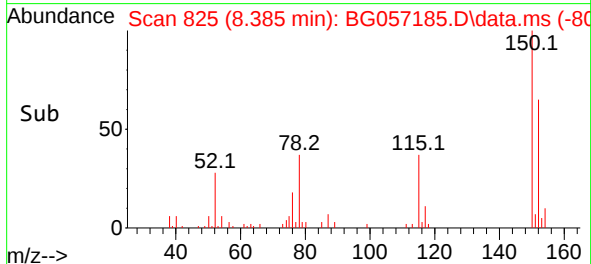
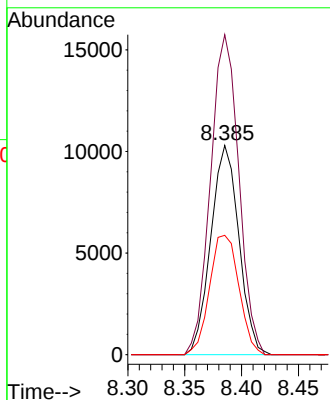
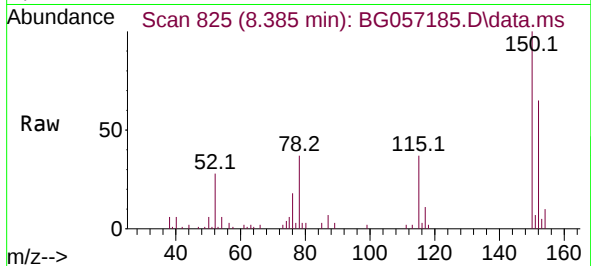




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.385 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

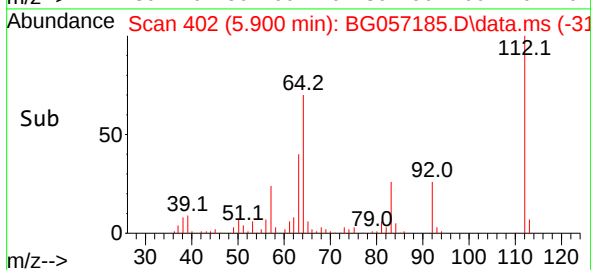
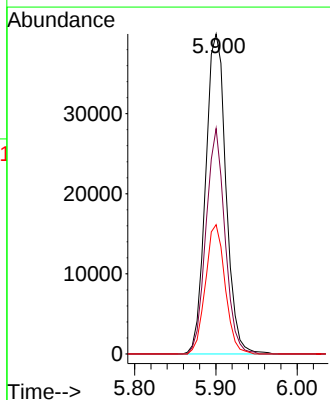
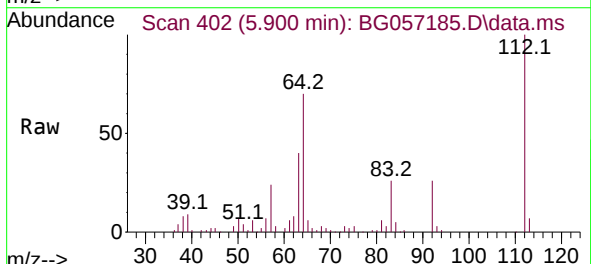
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

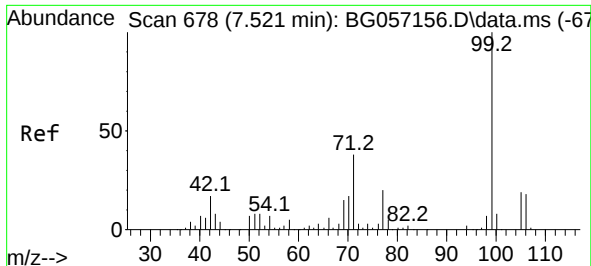
Tgt Ion:152 Resp: 17690
Ion Ratio Lower Upper
152 100
150 152.9 121.4 182.2
115 57.1 48.1 72.1



#5
2-Fluorophenol
Concen: 70.853 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:112 Resp: 69165
Ion Ratio Lower Upper
112 100
64 70.4 46.7 70.1#
63 40.4 26.9 40.3#

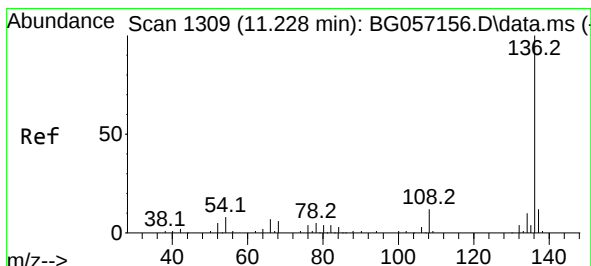
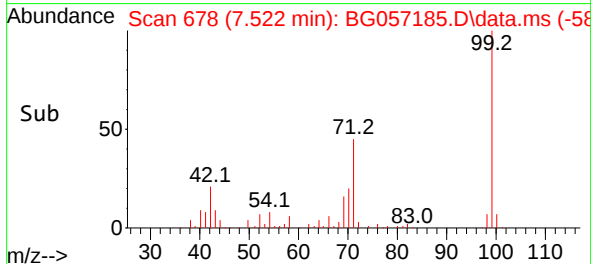
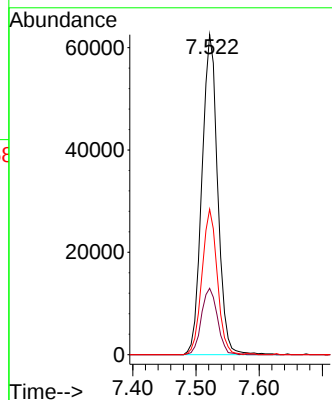
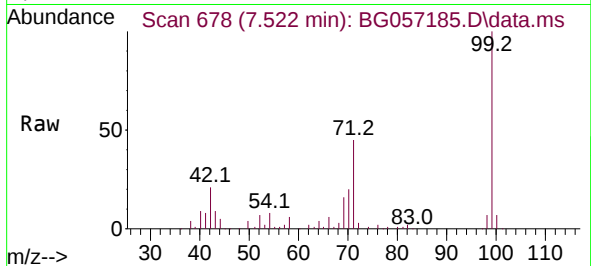




#7
Phenol-d6
Concen: 76.615 ng
RT: 7.522 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

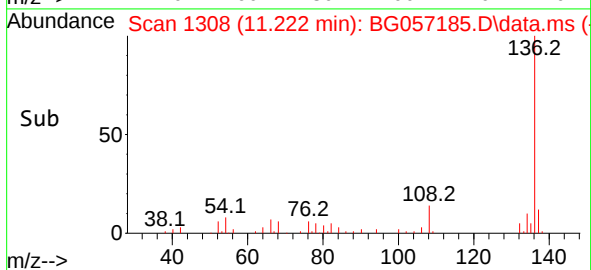
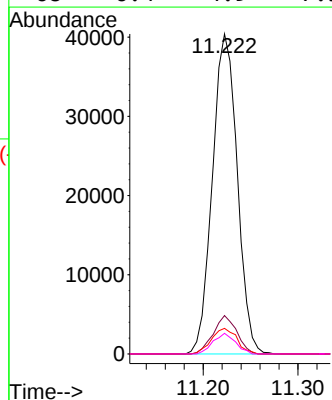
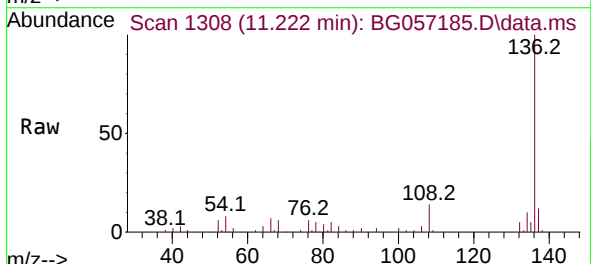
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

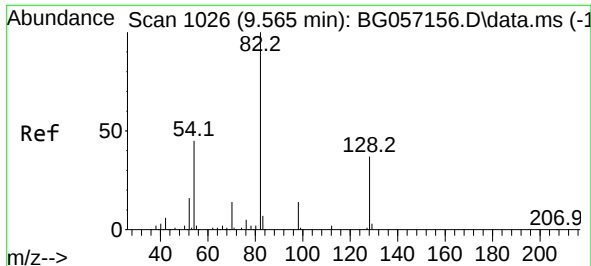
Tgt Ion: 99 Resp: 108211
Ion Ratio Lower Upper
99 100
42 20.8 13.4 20.0#
71 45.5 30.2 45.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.222 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion: 136 Resp: 73571
Ion Ratio Lower Upper
136 100
137 12.0 9.5 14.3
54 8.0 6.4 9.6
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 44.520 ng

RT: 9.560 min Scan# 1026

Delta R.T. -0.005 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

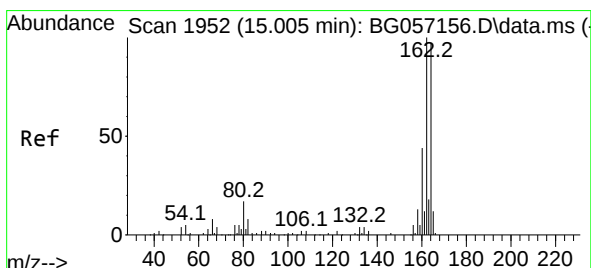
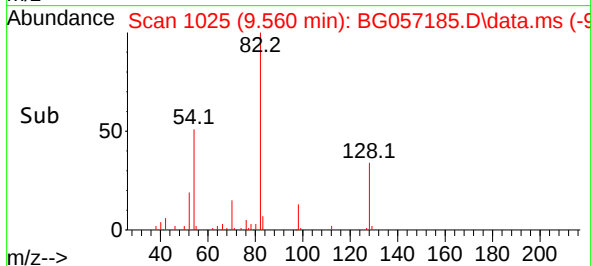
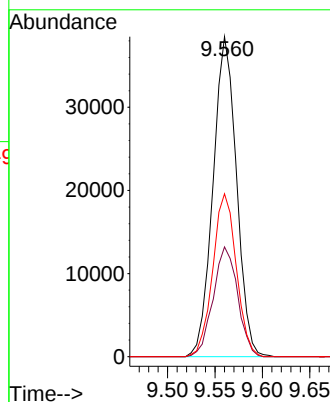
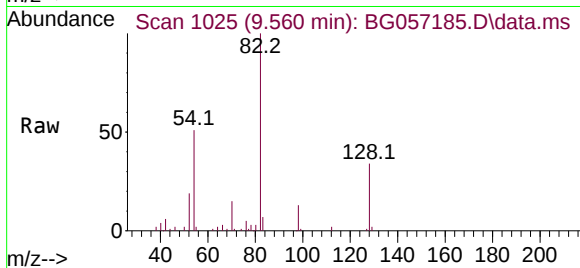
Tgt Ion: 82 Resp: 66255

Ion Ratio Lower Upper

82 100

128 34.3 29.4 44.2

54 50.9 36.2 54.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.000 min Scan# 1951

Delta R.T. -0.005 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

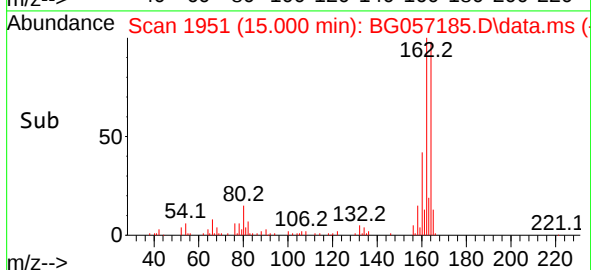
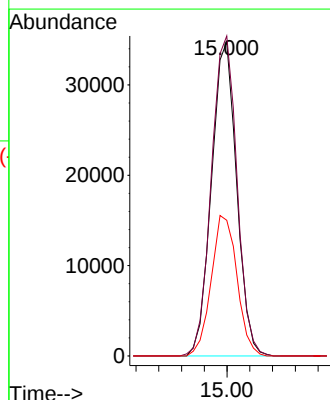
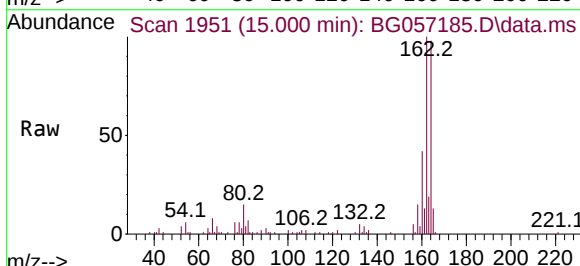
Tgt Ion: 164 Resp: 53326

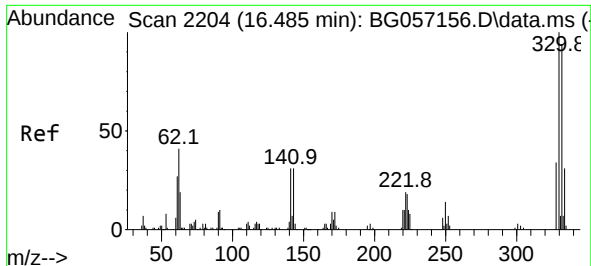
Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

160 43.2 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 61.874 ng

RT: 16.480 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057185.D

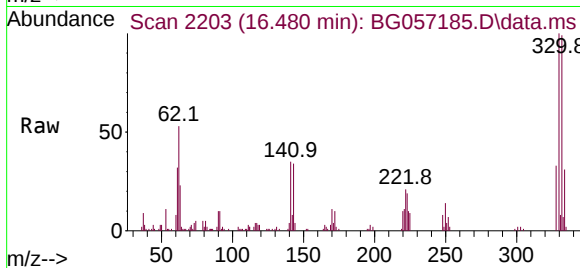
Acq: 25 Apr 2023 20:43

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP



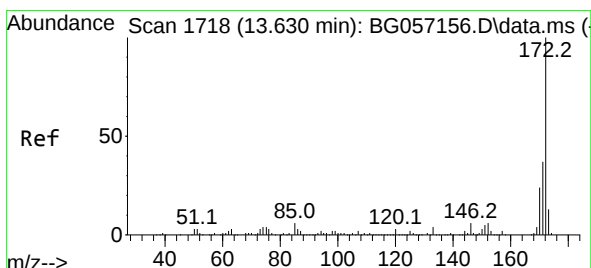
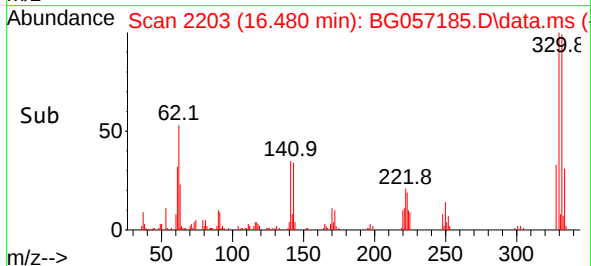
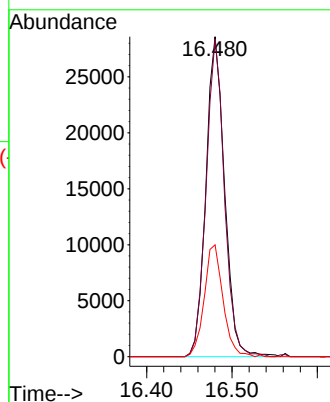
Tgt Ion:330 Resp: 43534

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

141 35.2 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 43.906 ng

RT: 13.619 min Scan# 1716

Delta R.T. -0.011 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

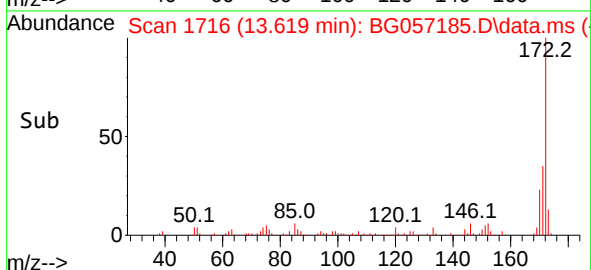
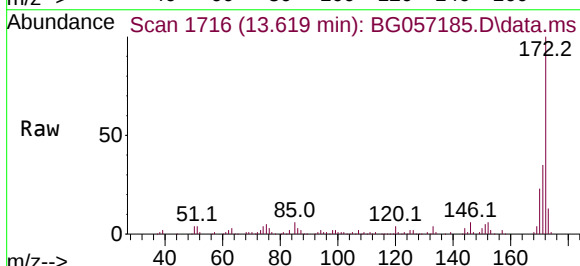
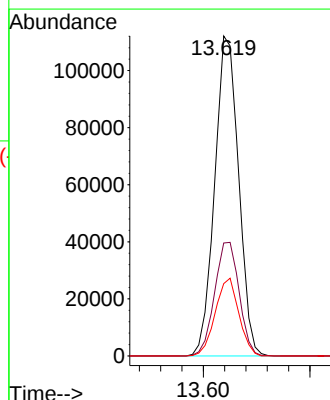
Tgt Ion:172 Resp: 174216

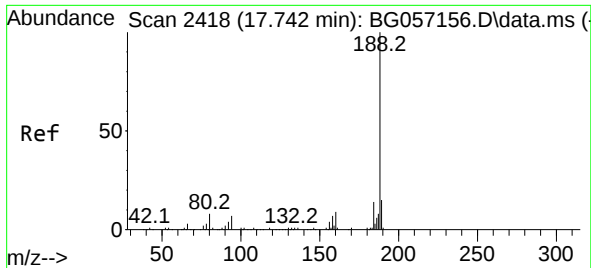
Ion Ratio Lower Upper

172 100

171 35.3 29.2 43.8

170 22.6 19.4 29.2

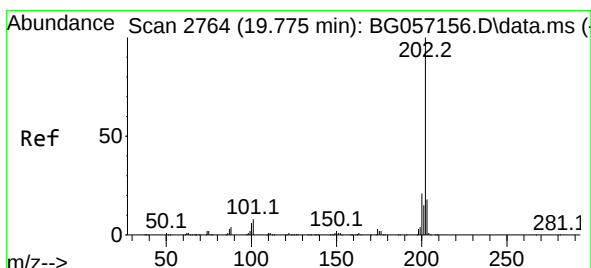
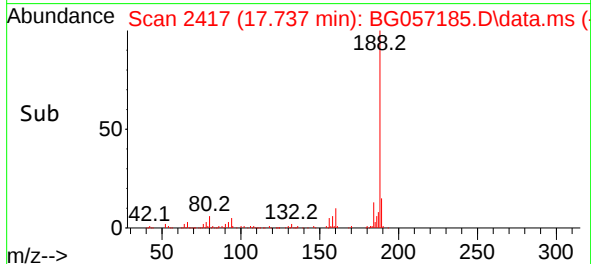
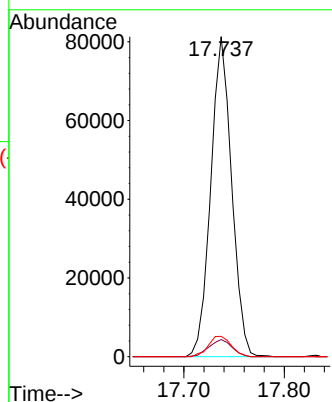
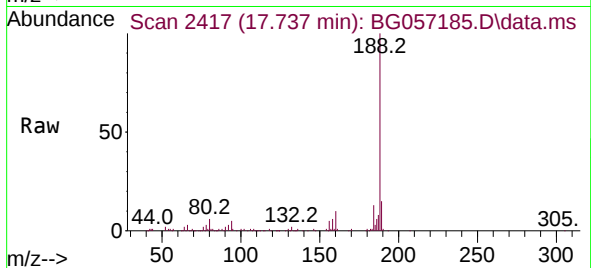




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.737 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

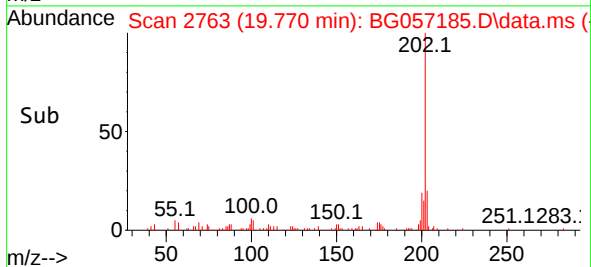
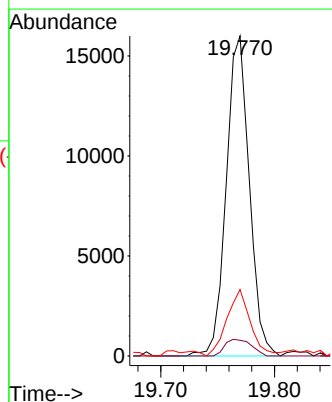
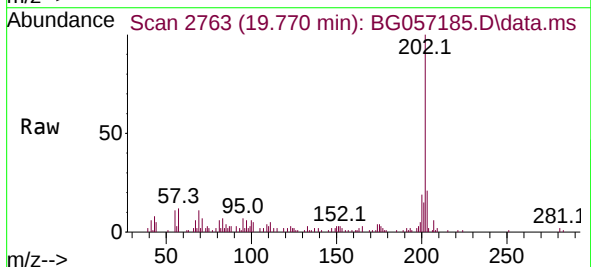
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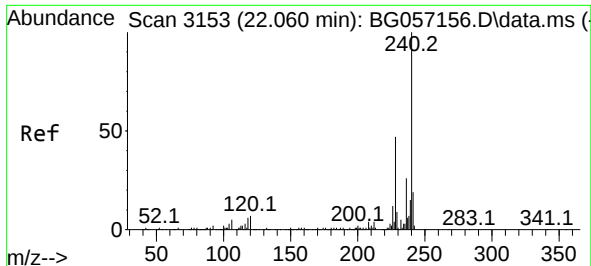
Tgt Ion:188 Resp: 117478
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 6.3 6.2 9.2



#75
Fluoranthene
Concen: 3.026 ng
RT: 19.770 min Scan# 2763
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:202 Resp: 22546
Ion Ratio Lower Upper
202 100
101 4.9 0.0 27.6
203 20.8 0.0 38.3

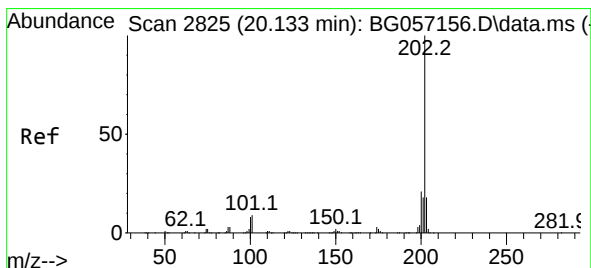
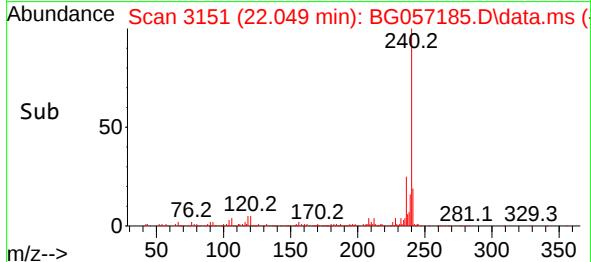
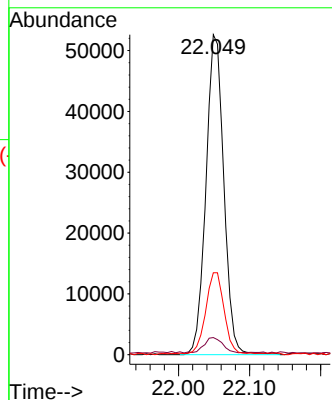
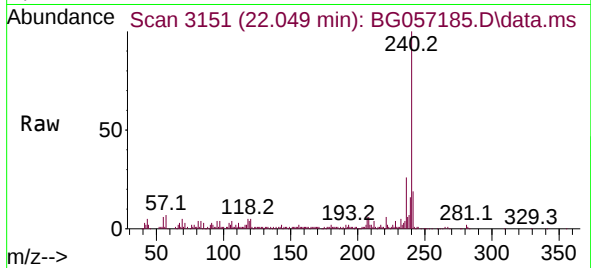




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.049 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

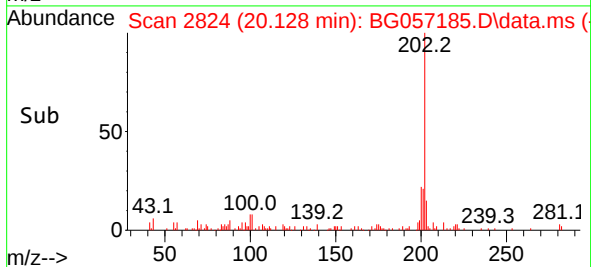
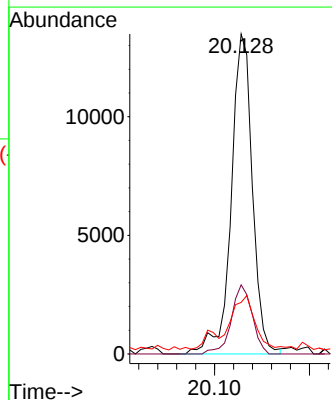
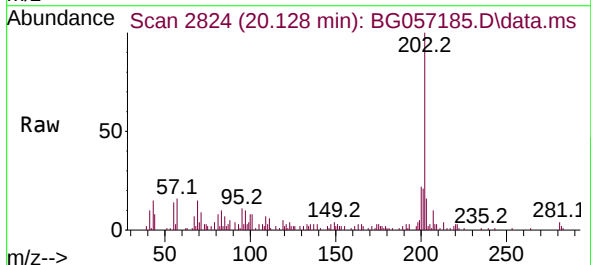
Instrument :
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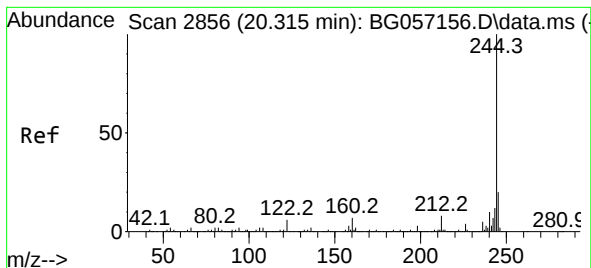
Tgt Ion:240 Resp: 92069
Ion Ratio Lower Upper
240 100
120 5.4 5.5 8.3#
236 25.6 20.8 31.2



#78
Pyrene
Concen: 3.345 ng
RT: 20.128 min Scan# 2824
Delta R.T. -0.005 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:202 Resp: 20907
Ion Ratio Lower Upper
202 100
200 21.6 17.0 25.4
203 16.1 14.7 22.1





#79

Terphenyl-d14

Concen: 47.455 ng

RT: 20.304 min Scan# 21

Delta R.T. -0.011 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

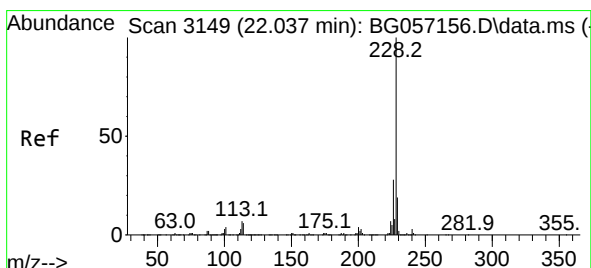
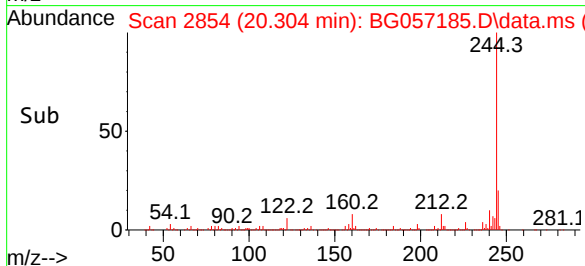
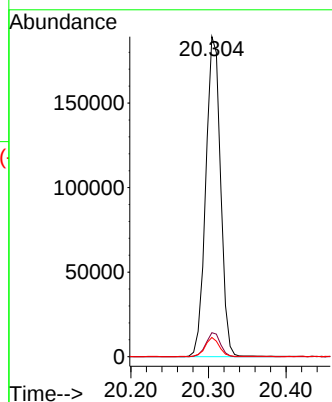
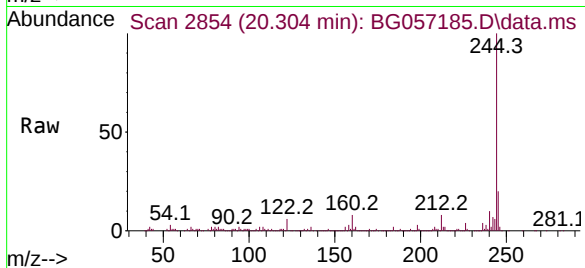
Tgt Ion:244 Resp: 249791

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.0 5.0 7.4



#81

Benzo(a)anthracene

Concen: 2.235 ng

RT: 22.025 min Scan# 3147

Delta R.T. -0.011 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

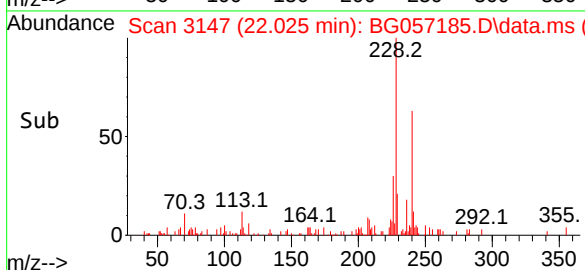
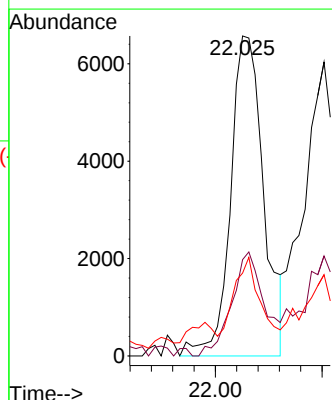
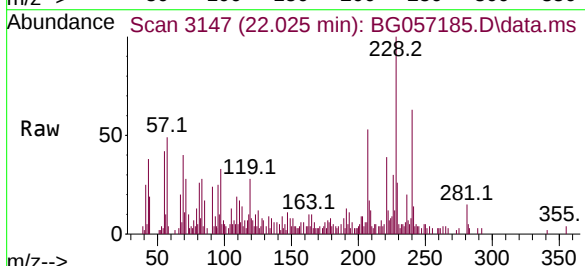
Tgt Ion:228 Resp: 14148

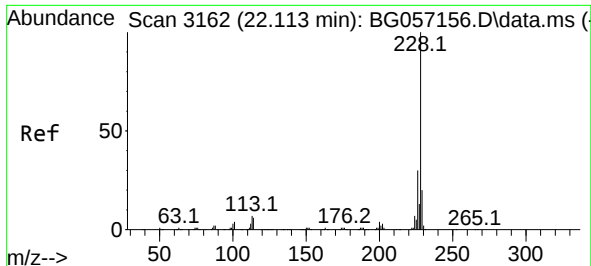
Ion Ratio Lower Upper

228 100

226 30.1 22.2 33.4

229 25.9 15.6 23.4#

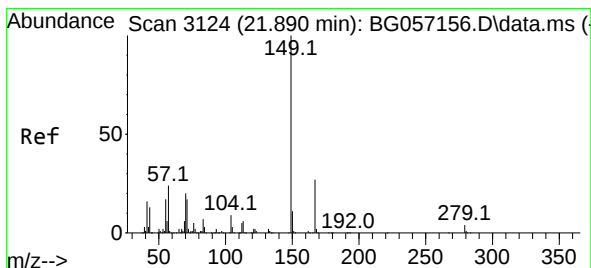
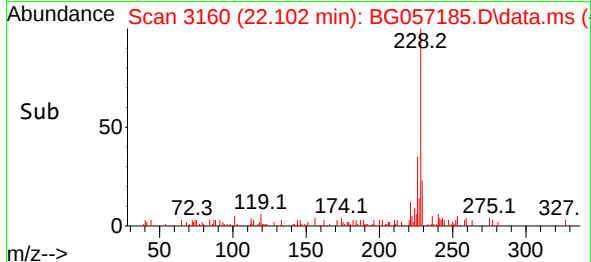
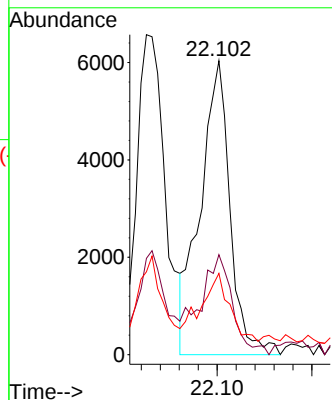
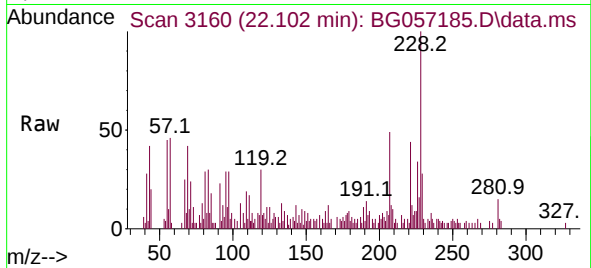




#83
Chrysene
Concen: 2.160 ng
RT: 22.102 min Scan# 3160
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

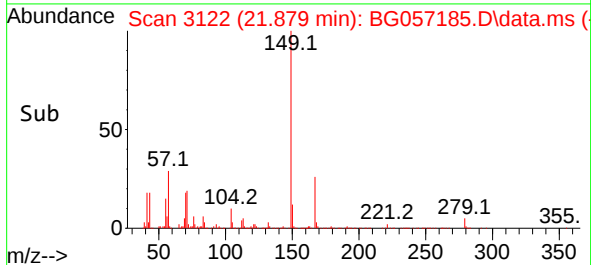
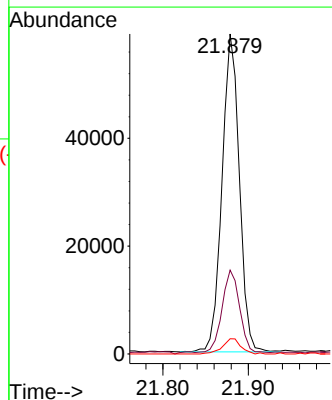
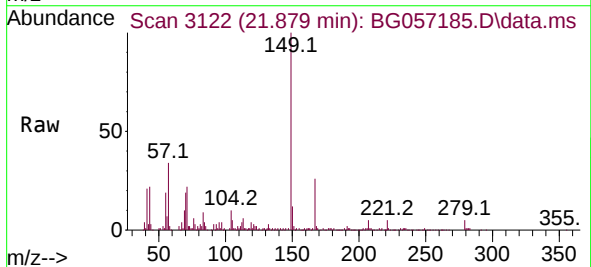
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

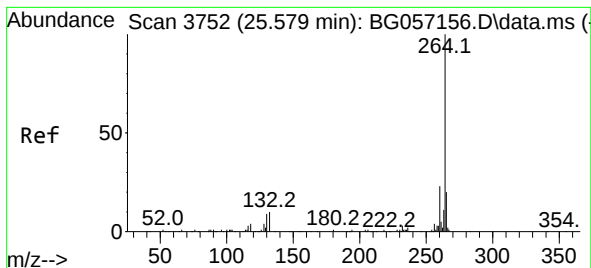
Tgt Ion:228 Resp: 13185
Ion Ratio Lower Upper
228 100
226 34.0 24.0 36.0
229 27.7 15.8 23.6#



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.438 ng
RT: 21.879 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BG057185.D
Acq: 25 Apr 2023 20:43

Tgt Ion:149 Resp: 83267
Ion Ratio Lower Upper
149 100
167 26.2 21.9 32.9
279 4.7 3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.579 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

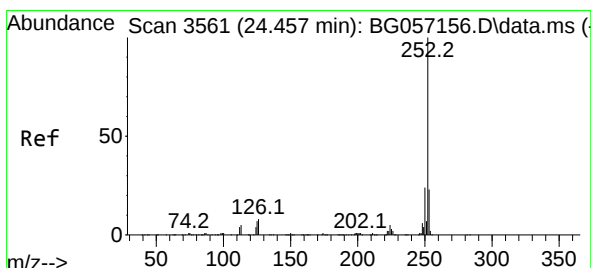
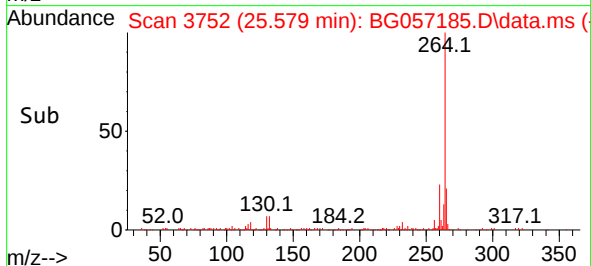
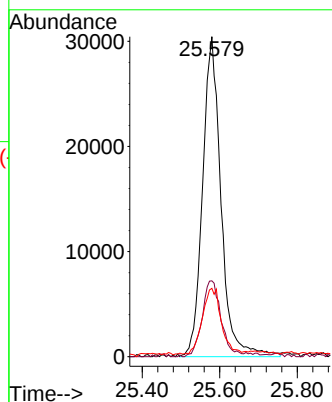
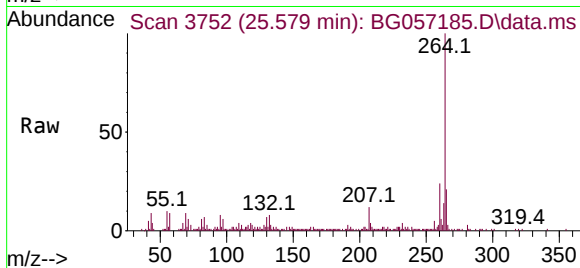
Tgt Ion:264 Resp: 100498

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.4 16.4 24.6



#88

Benzo(b)fluoranthene

Concen: 3.116 ng

RT: 24.446 min Scan# 3559

Delta R.T. -0.011 min

Lab File: BG057185.D

Acq: 25 Apr 2023 20:43

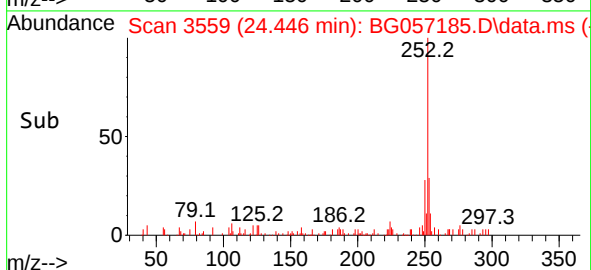
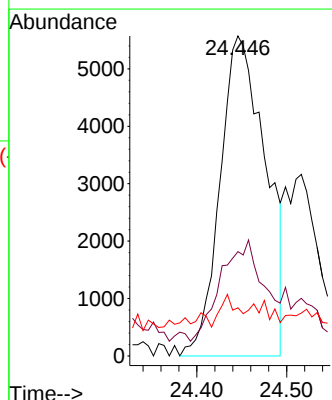
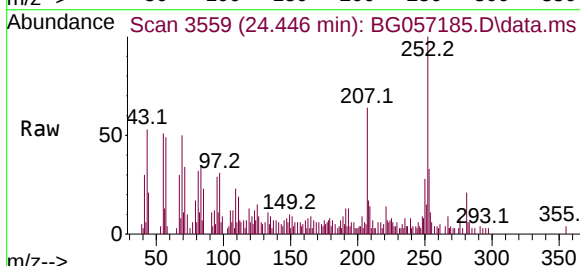
Tgt Ion:252 Resp: 19631

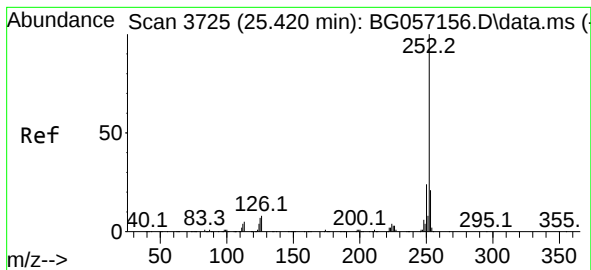
Ion Ratio Lower Upper

252 100

253 32.6 18.2 27.2#

125 15.1 5.3 7.9#





#90

Benzo(a)pyrene

Concen: 2.082 ng

RT: 25.409 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG057185.D

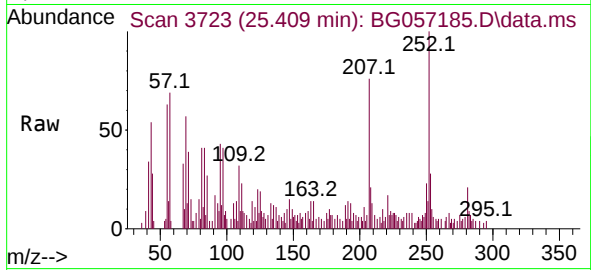
Acq: 25 Apr 2023 20:43

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP



Tgt Ion:252 Resp: 12919

Ion Ratio Lower Upper

252 100

253 28.1 17.0 25.6#

125 18.6 5.8 8.8#

