

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057911.D
 Acq On : 29 Jun 2023 19:32
 Operator : CG/JU
 Sample : 03429-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627

Quant Time: Jun 30 03:43:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

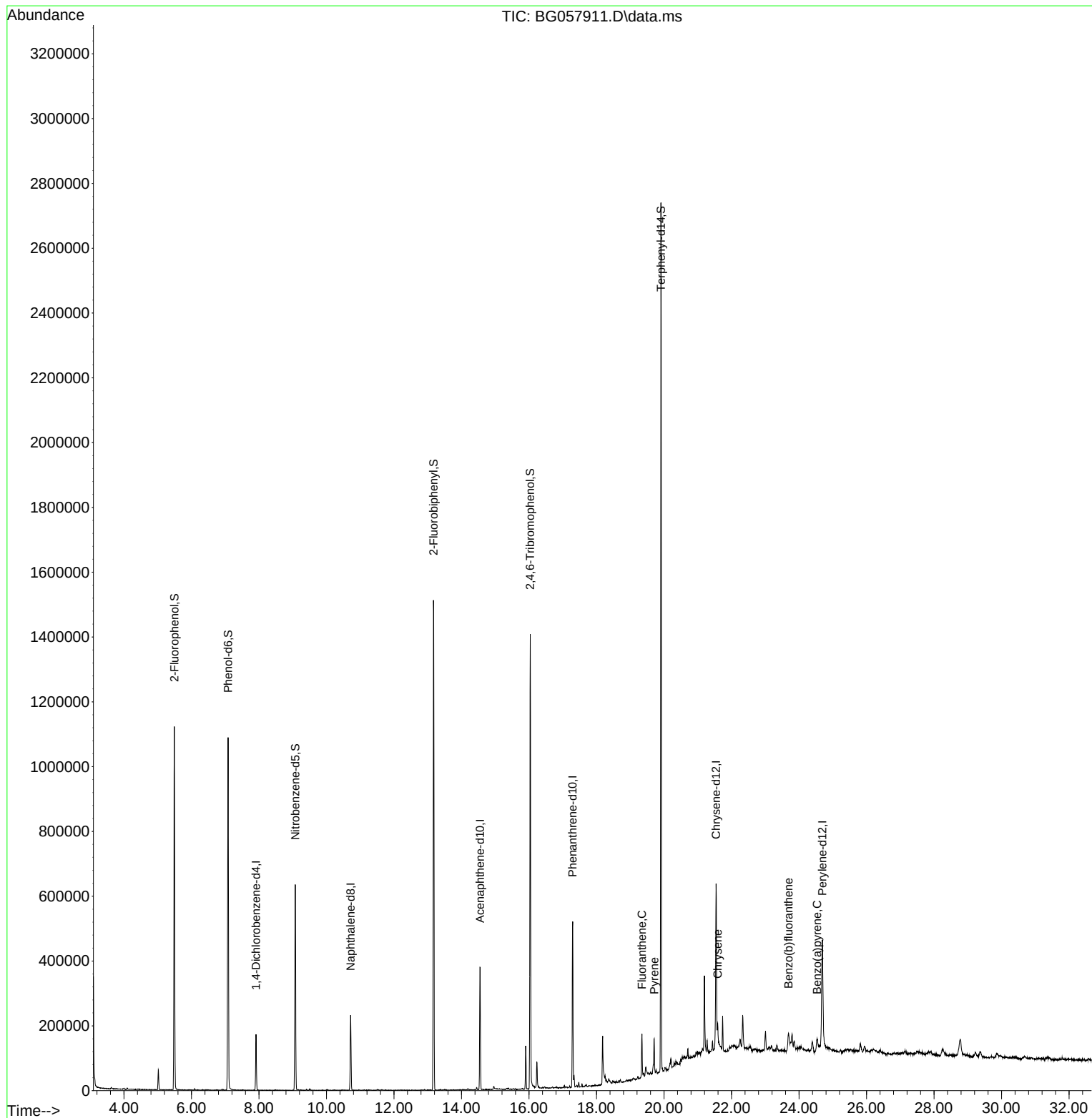
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	46832	20.000	ng	-0.01
21) Naphthalene-d8	10.714	136	198359	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	138169	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	333165	20.000	ng	0.00
76) Chrysene-d12	21.543	240	281922	20.000	ng	-0.01
86) Perylene-d12	24.692	264	345521	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	480170	156.871	ng	0.00
7) Phenol-d6	7.083	99	674852	147.439	ng	0.00
23) Nitrobenzene-d5	9.075	82	384286	94.944	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	308692	133.018	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	822639	90.858	ng	-0.01
79) Terphenyl-d14	19.910	244	1346499	87.073	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.346	202	74306	3.688	ng	100
78) Pyrene	19.710	202	69860	3.470	ng	97
83) Chrysene	21.590	228	42490	2.301	ng	96
88) Benzo(b)fluoranthene	23.688	252	65837	3.494	ng	# 98
90) Benzo(a)pyrene	24.534	252	41402	2.218	ng	95

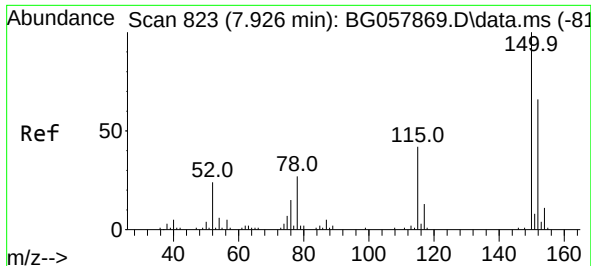
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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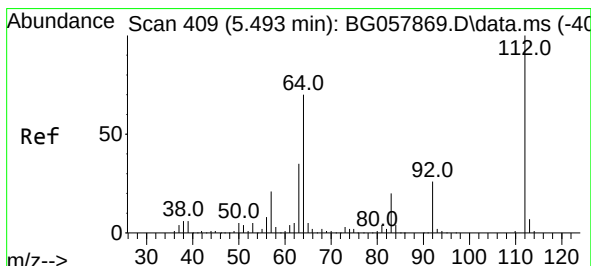
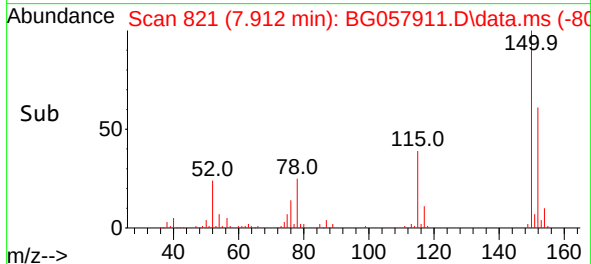
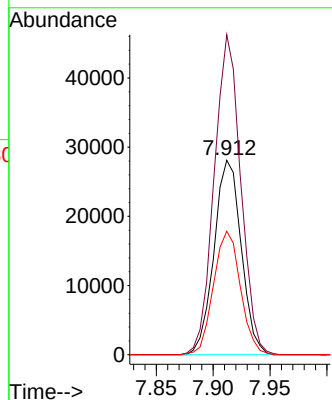
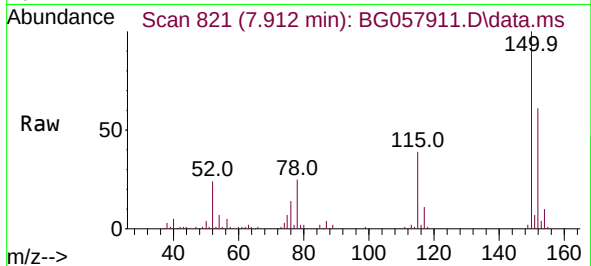




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

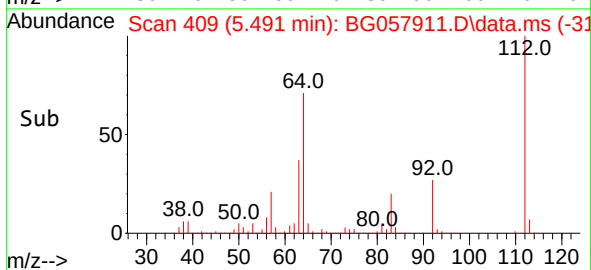
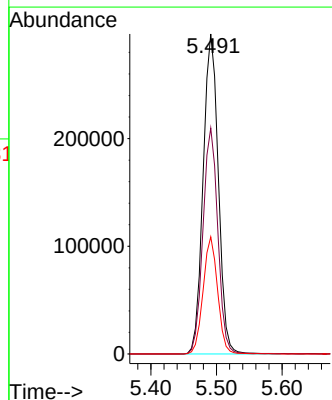
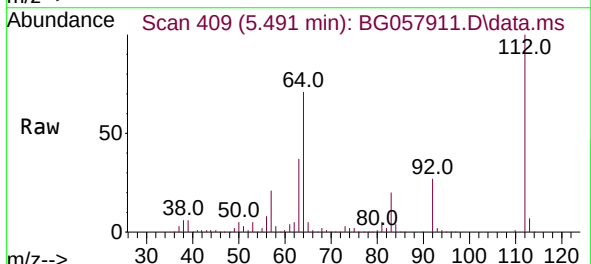
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

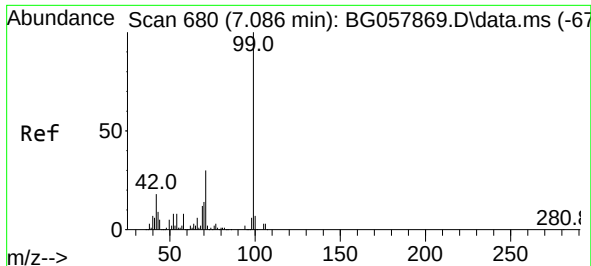
Tgt Ion:152 Resp: 46832
Ion Ratio Lower Upper
152 100
150 164.6 122.0 183.0
115 63.5 50.7 76.1



#5
2-Fluorophenol
Concen: 156.871 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.002 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:112 Resp: 480170
Ion Ratio Lower Upper
112 100
64 70.6 55.8 83.6
63 36.6 27.9 41.9

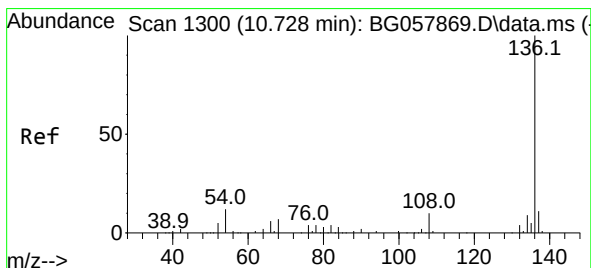
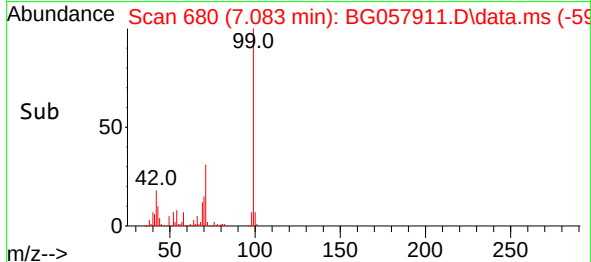
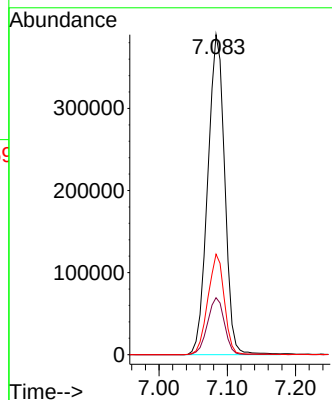
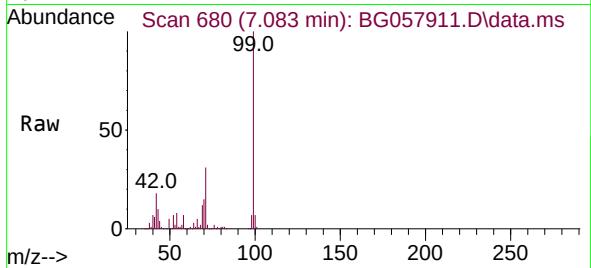




#7
Phenol-d6
Concen: 147.439 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

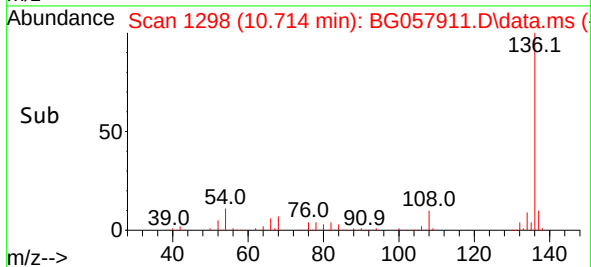
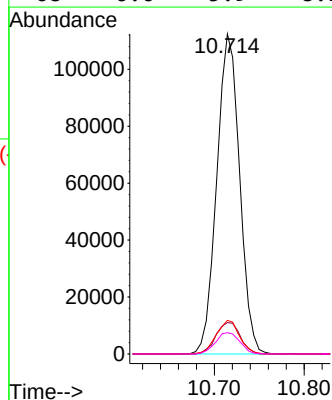
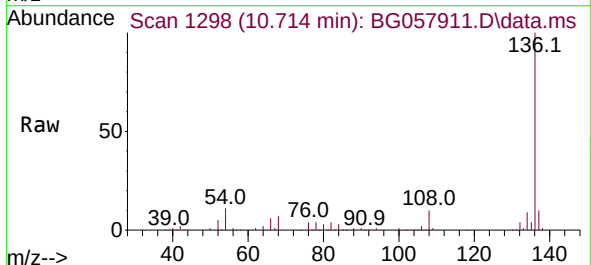
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

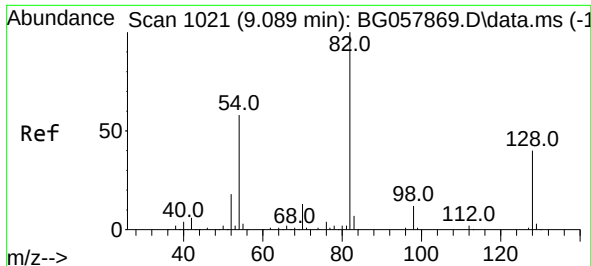
Tgt Ion: 99 Resp: 674852
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 31.4 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.714 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion: 136 Resp: 198359
Ion Ratio Lower Upper
136 100
137 9.8 8.6 12.8
54 10.5 9.3 13.9
68 6.6 5.9 8.9

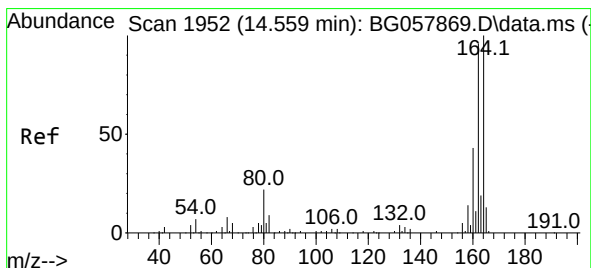
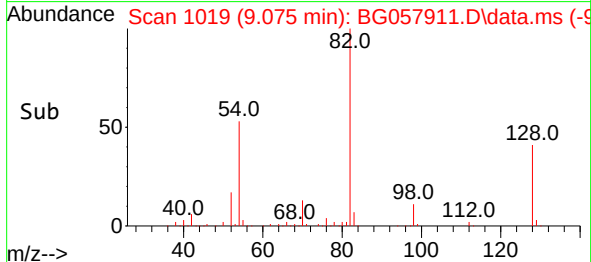
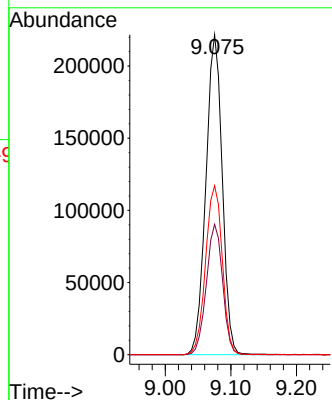
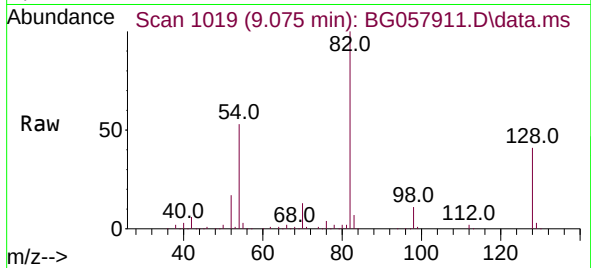




#23
Nitrobenzene-d5
Concen: 94.944 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

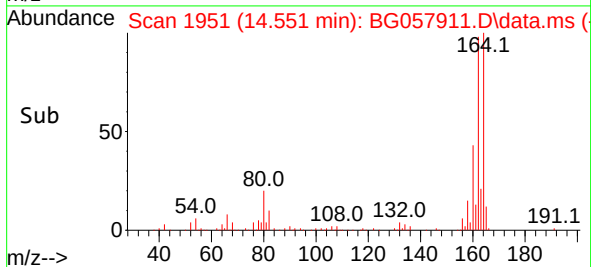
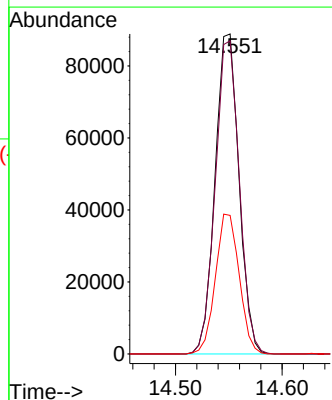
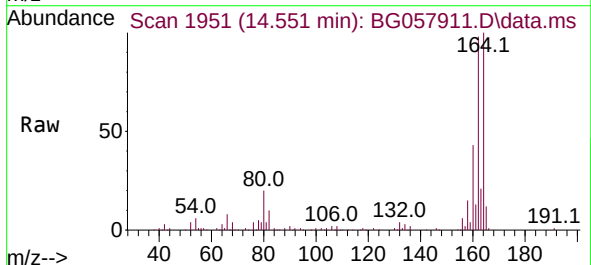
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

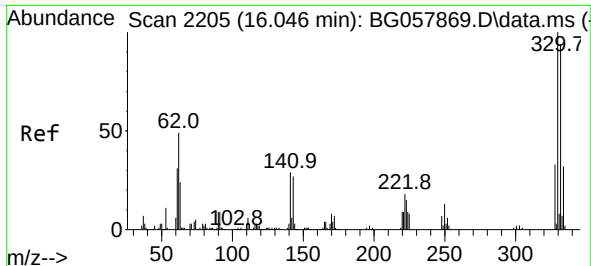
Tgt Ion: 82 Resp: 384286
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.4
54 52.8 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:164 Resp: 138169
Ion Ratio Lower Upper
164 100
162 97.8 76.4 114.6
160 43.3 34.2 51.2

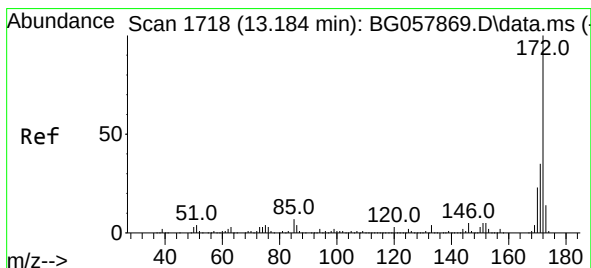
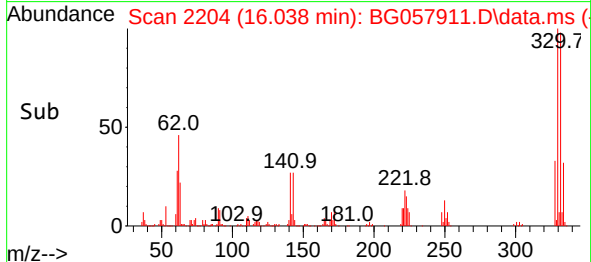
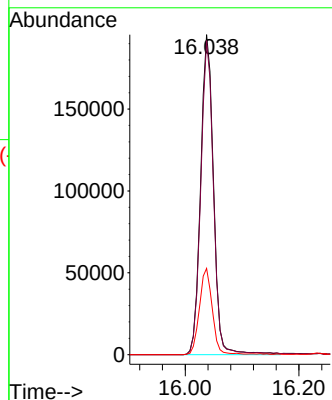
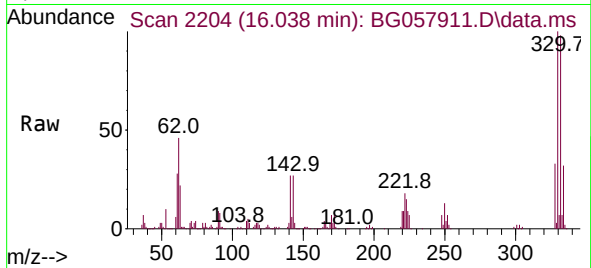




#42
2,4,6-Tribromophenol
Concen: 133.018 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

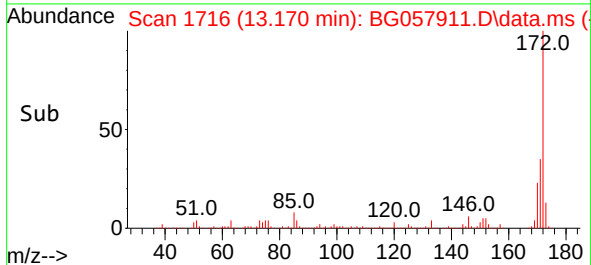
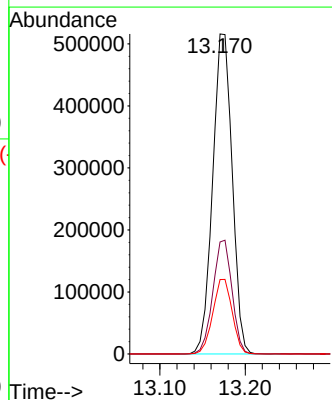
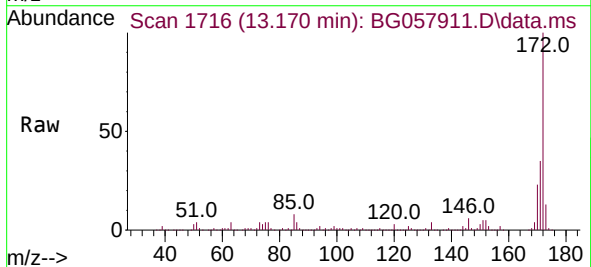
Instrument :
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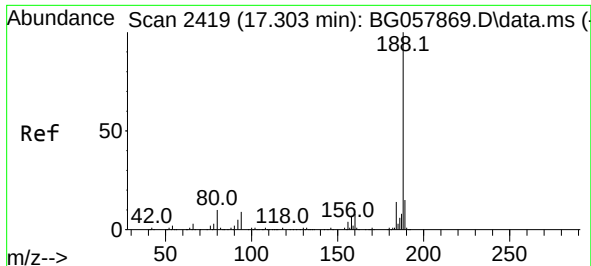
Tgt Ion:330 Resp: 308692
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 26.8 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 90.858 ng
RT: 13.170 min Scan# 1716
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:172 Resp: 822639
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.2 18.6 27.8

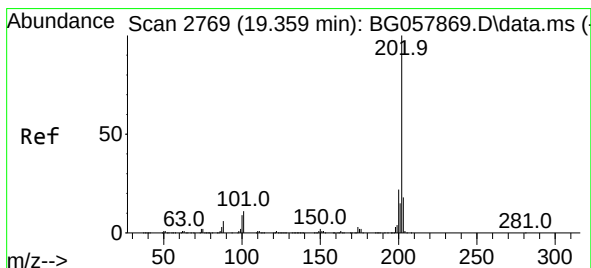
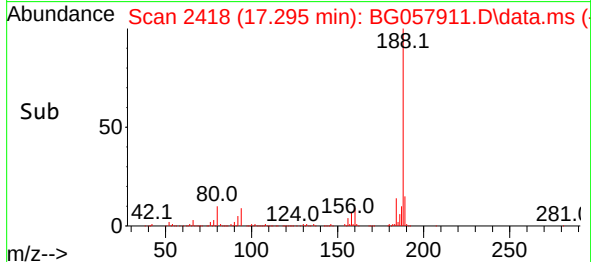
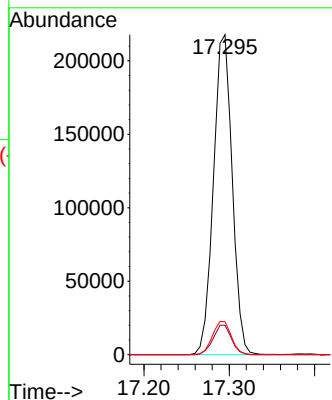
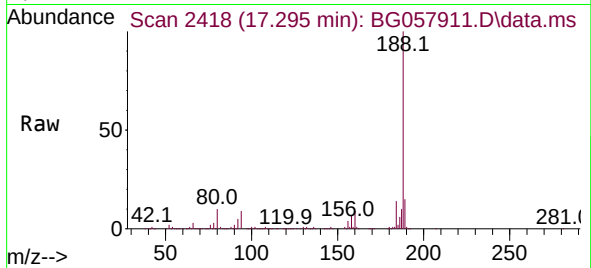




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2419
Delta R.T. -0.008 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

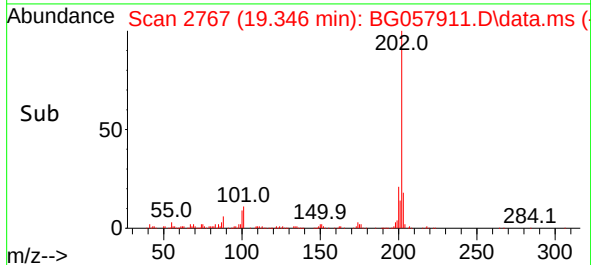
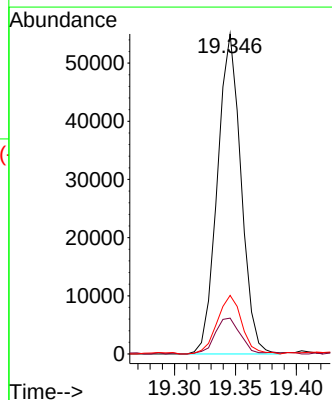
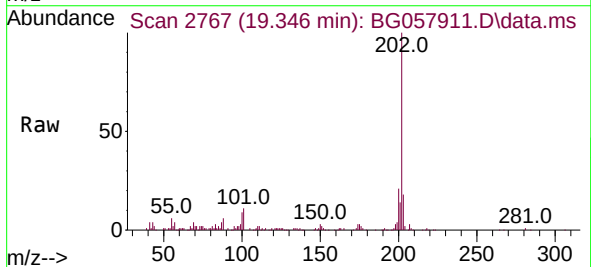
Instrument :
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ClientSampleId :
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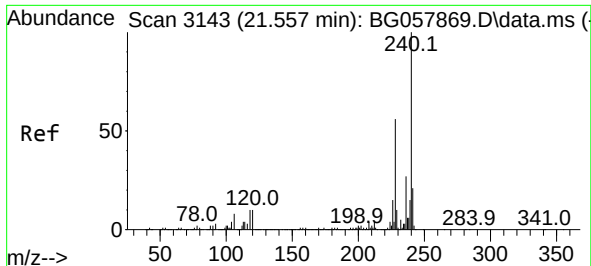
Tgt Ion:188 Resp: 333165
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.3 8.4 12.6



#75
Fluoranthene
Concen: 3.688 ng
RT: 19.346 min Scan# 2767
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:202 Resp: 74306
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 18.3 0.0 38.2

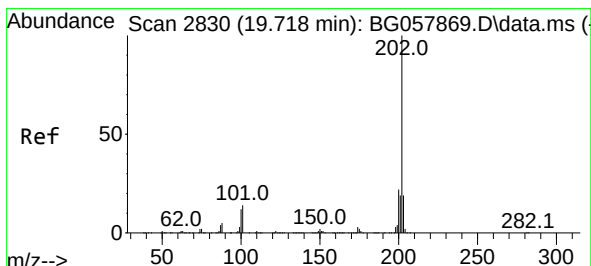
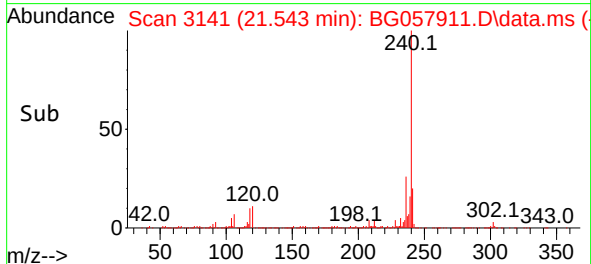
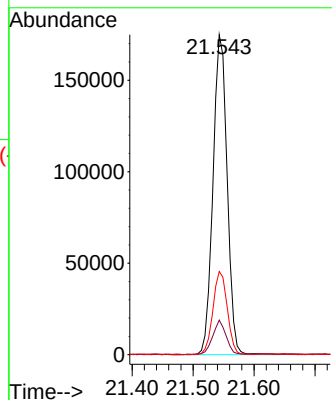
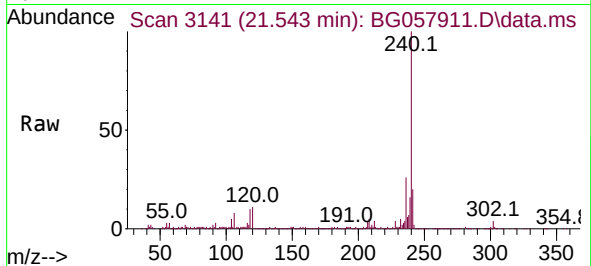




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3143
Delta R.T. -0.014 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

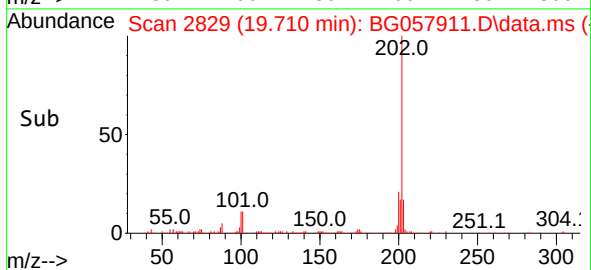
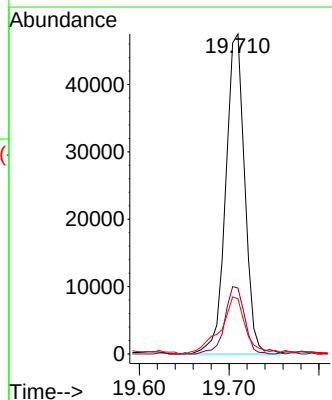
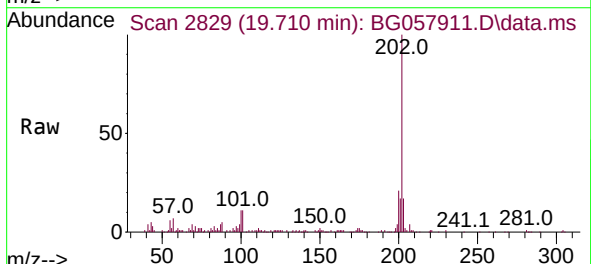
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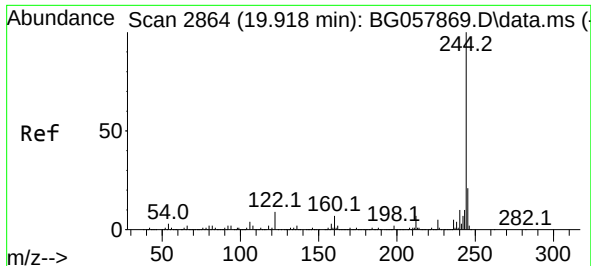
Tgt Ion:240 Resp: 281922
Ion Ratio Lower Upper
240 100
120 10.8 8.1 12.1
236 26.0 21.9 32.9



#78
Pyrene
Concen: 3.470 ng
RT: 19.710 min Scan# 2829
Delta R.T. -0.008 min
Lab File: BG057911.D
Acq: 29 Jun 2023 19:32

Tgt Ion:202 Resp: 69860
Ion Ratio Lower Upper
202 100
200 20.6 17.7 26.5
203 17.3 15.2 22.8

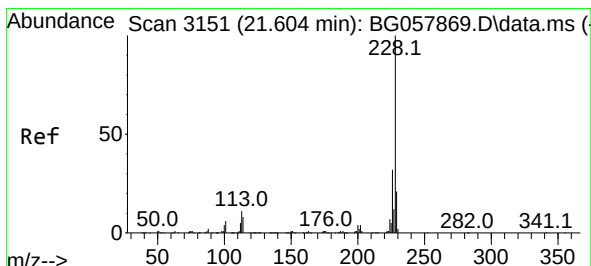
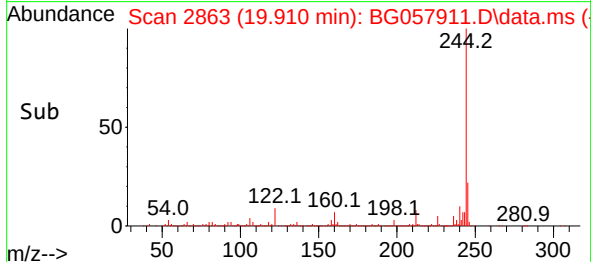
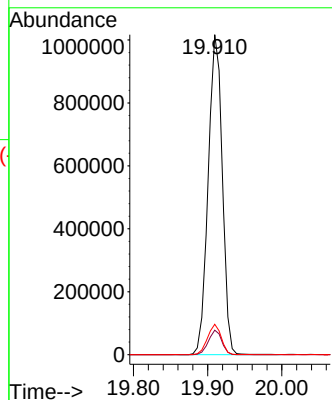
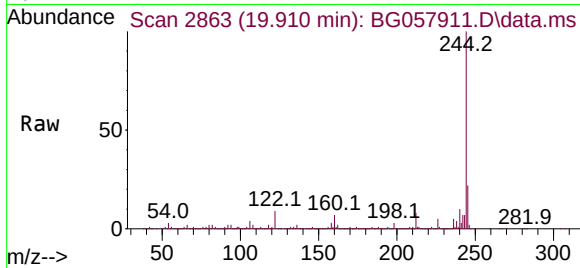




#79
 Terphenyl-d14
 Concen: 87.073 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057911.D
 Acq: 29 Jun 2023 19:32

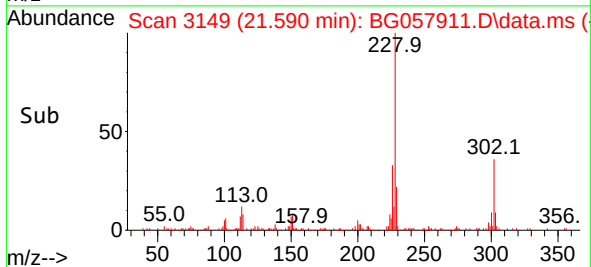
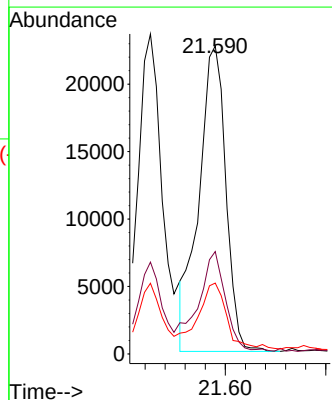
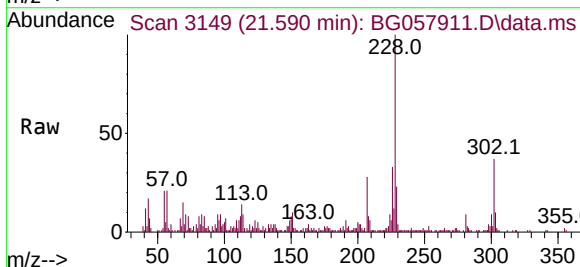
Instrument :
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 SB-COMP-0627

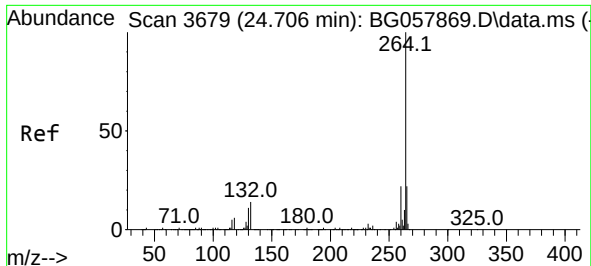
Tgt Ion:244 Resp: 1346499
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.5 7.4 11.0



#83
 Chrysene
 Concen: 2.301 ng
 RT: 21.590 min Scan# 3149
 Delta R.T. -0.014 min
 Lab File: BG057911.D
 Acq: 29 Jun 2023 19:32

Tgt Ion:228 Resp: 42490
 Ion Ratio Lower Upper
 228 100
 226 33.2 25.3 37.9
 229 23.0 16.5 24.7

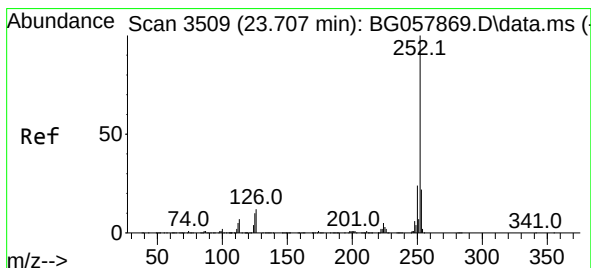
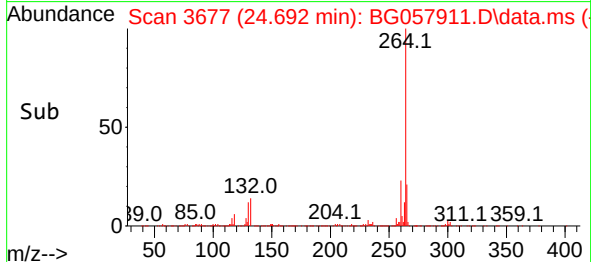
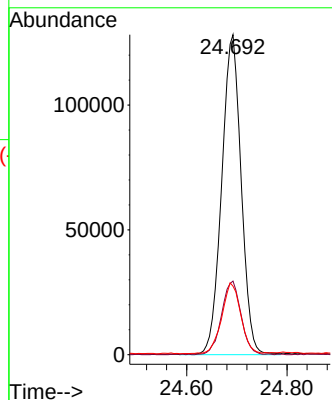
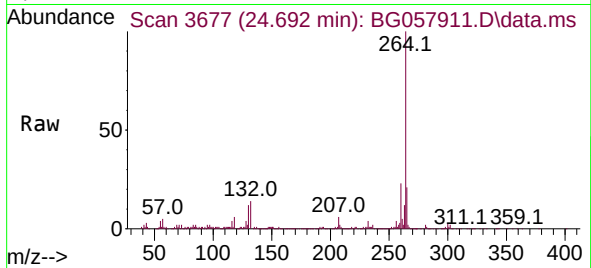




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG057911.D
 Acq: 29 Jun 2023 19:32

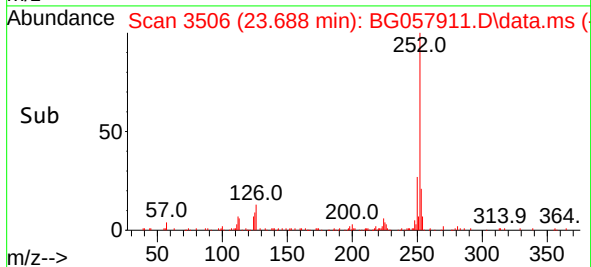
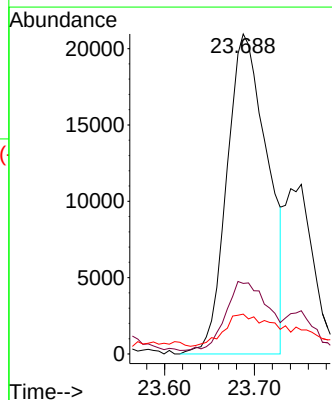
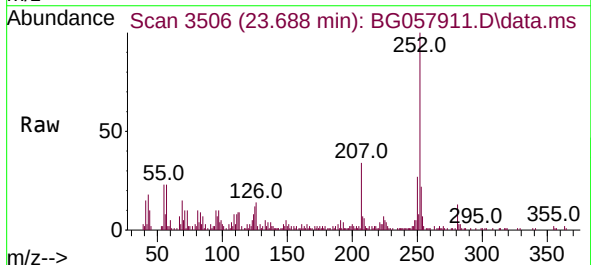
Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627

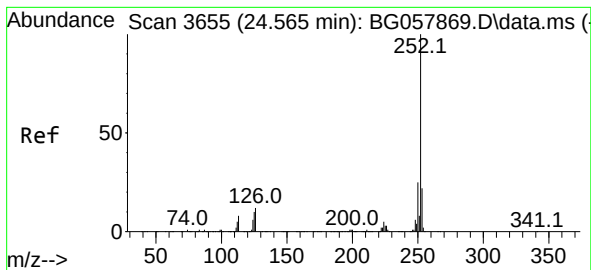
Tgt Ion:264 Resp: 345521
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.8
 265 21.4 17.3 25.9



#88
 Benzo(b)fluoranthene
 Concen: 3.494 ng
 RT: 23.688 min Scan# 3506
 Delta R.T. -0.020 min
 Lab File: BG057911.D
 Acq: 29 Jun 2023 19:32

Tgt Ion:252 Resp: 65837
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.7 26.5
 125 12.4 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 2.218 ng

RT: 24.534 min Scan# 30

Delta R.T. -0.031 min

Lab File: BG057911.D

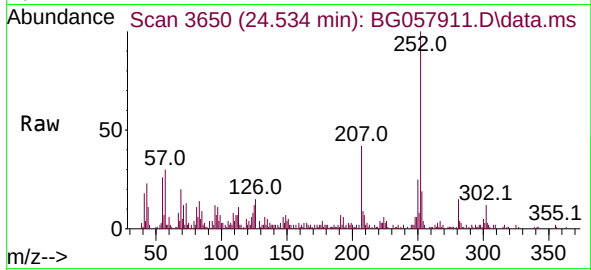
Acq: 29 Jun 2023 19:32

Instrument :

BNA_G

ClientSampleId :

SB-COMP-0627



Tgt Ion:252 Resp: 41402

Ion Ratio Lower Upper

252 100

253 19.3 17.7 26.5

125 11.6 8.0 12.0

