

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053199.D
 Acq On : 19 Apr 2022 17:19
 Operator : CG/JU
 Sample : N2462-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-05

Quant Time: Apr 19 17:54:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

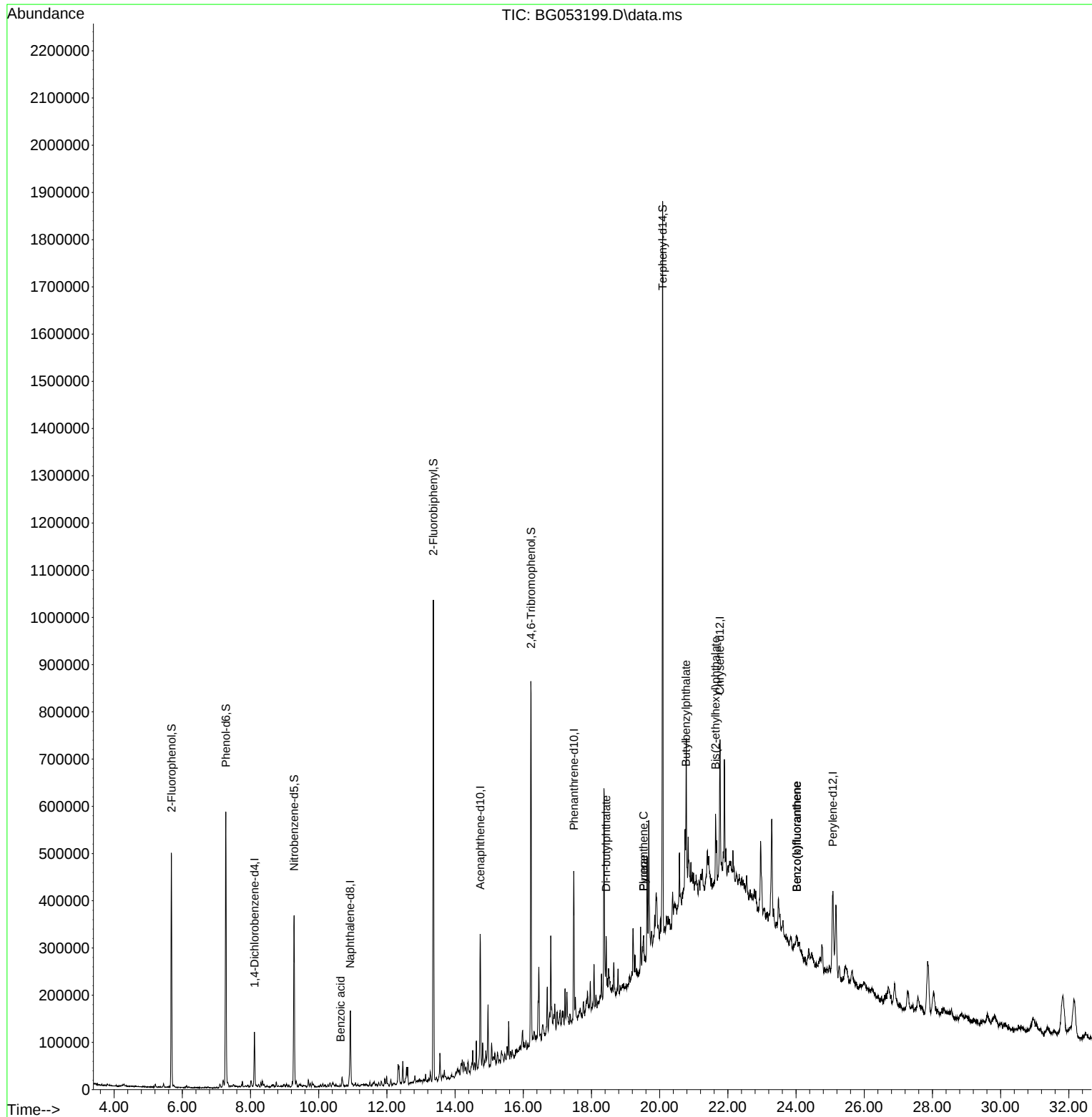
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	31621	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	134229	20.000	ng	-0.01
39) Acenaphthene-d10	14.738	164	97932	20.000	ng	-0.01
64) Phenanthrene-d10	17.487	188	195964	20.000	ng	0.00
76) Chrysene-d12	21.769	240	185956	20.000	ng	# 0.00
86) Perylene-d12	25.082	264	193102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	205960	111.651	ng	0.00
7) Phenol-d6	7.277	99	320059	112.512	ng	0.00
23) Nitrobenzene-d5	9.280	82	229844	69.526	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	157831	101.300	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	545353	76.787	ng	0.00
79) Terphenyl-d14	20.089	244	763631	69.355	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.643	122	57	3.671	ng	# 23
74) Di-n-butylphthalate	18.433	149	79529	6.803	ng	99
75) Fluoranthene	19.531	202	28233	2.058	ng	95
78) Pyrene	19.531	202	28233	2.132	ng	97
80) Butylbenzylphthalate	20.771	149	11750	2.380	ng	# 78
84) Bis(2-ethylhexyl)phtha...	21.640	149	51583	7.729	ng	98
88) Benzo(b)fluoranthene	24.025	252	27996	2.298	ng	# 68
89) Benzo(k)fluoranthene	24.025	252	27996	2.338	ng	# 69

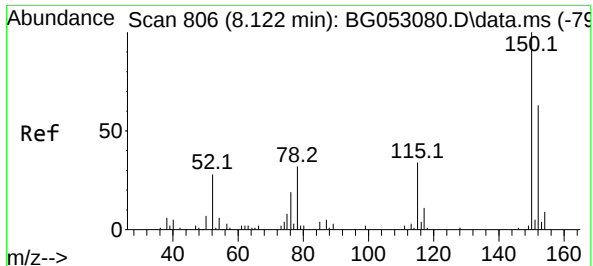
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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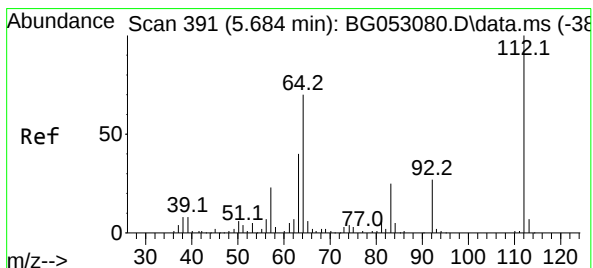
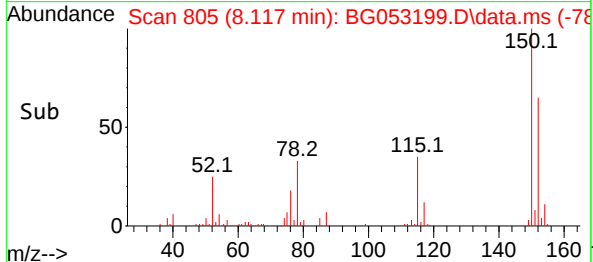
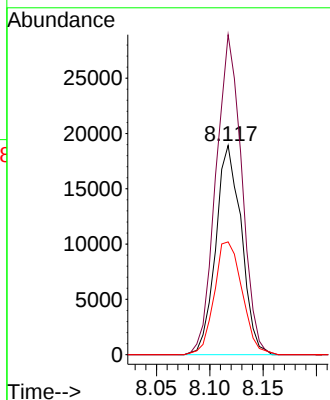
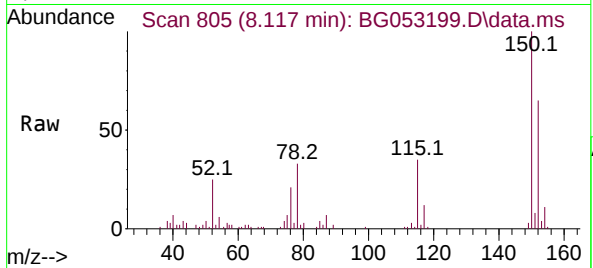




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

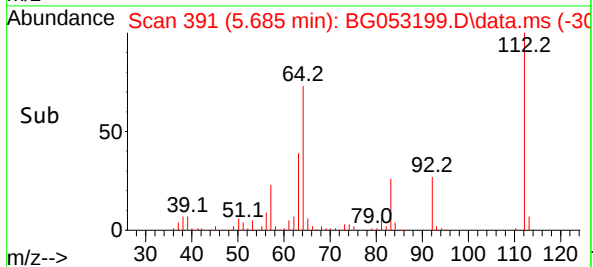
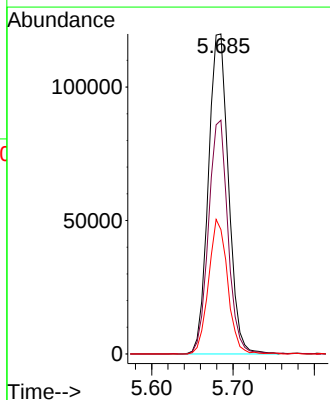
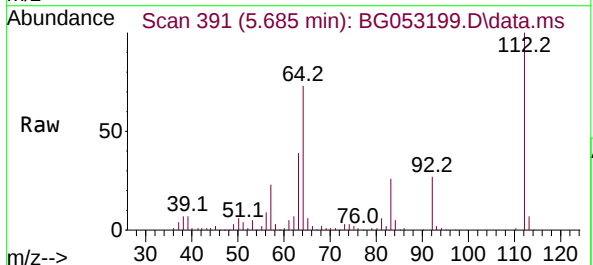
Instrument :
BNA_G
ClientSampleId :
COMP-05

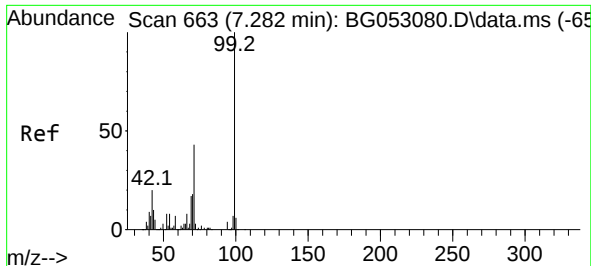
Tgt Ion:152 Resp: 31621
Ion Ratio Lower Upper
152 100
150 152.9 114.6 172.0
115 53.9 45.9 68.9



#5
2-Fluorophenol
Concen: 111.651 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:112 Resp: 205960
Ion Ratio Lower Upper
112 100
64 73.0 48.0 72.0#
63 38.8 26.5 39.7

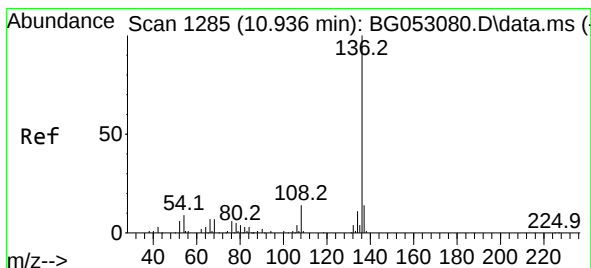
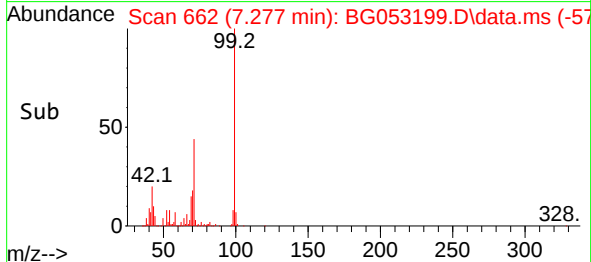
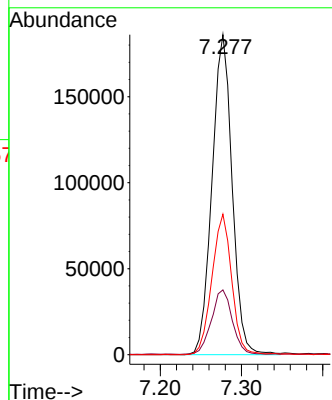
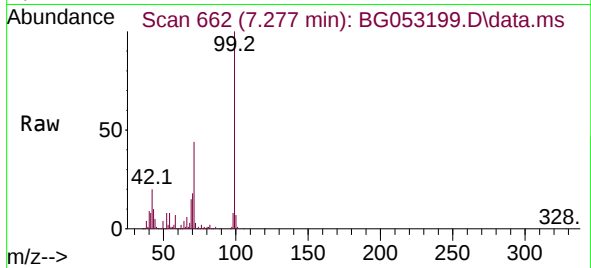




#7
Phenol-d6
Concen: 112.512 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

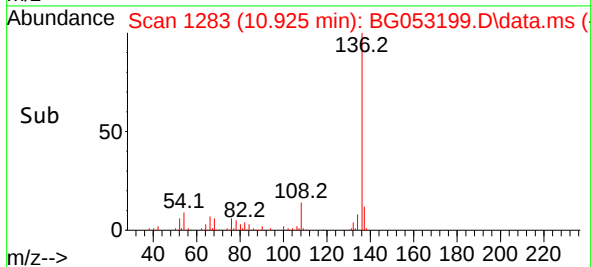
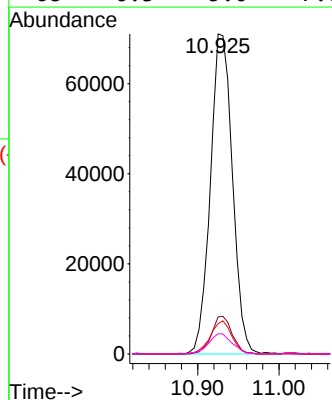
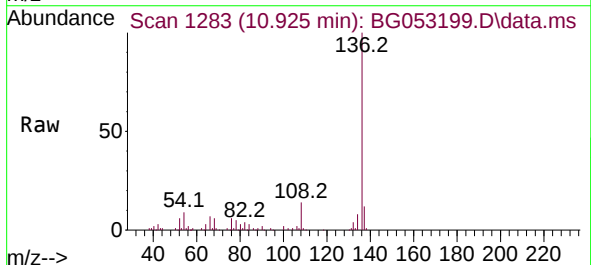
Instrument :
BNA_G
ClientSampleId :
COMP-05

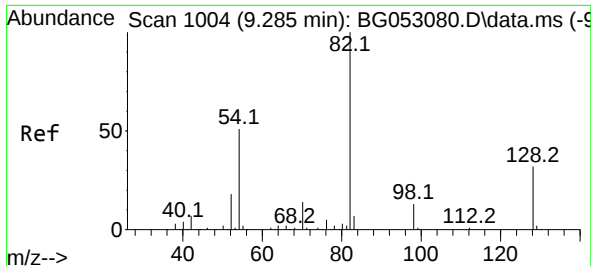
Tgt Ion: 99 Resp: 320059
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 43.9 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1283
Delta R.T. -0.011 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion: 136 Resp: 134229
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 9.5 6.4 9.6
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 69.526 ng

RT: 9.280 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG053199.D

Acq: 19 Apr 2022 17:19

Instrument :

BNA_G

ClientSampleId :

COMP-05

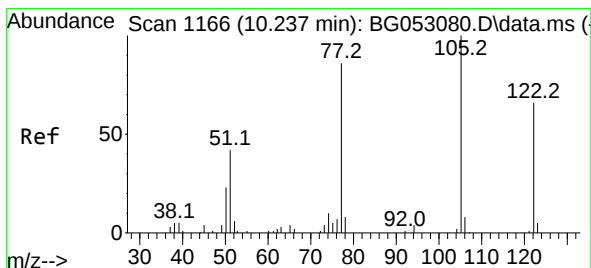
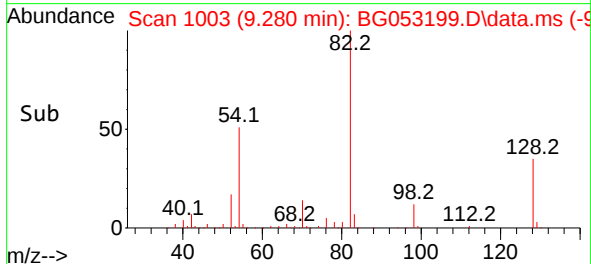
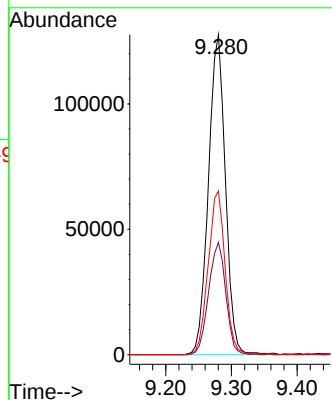
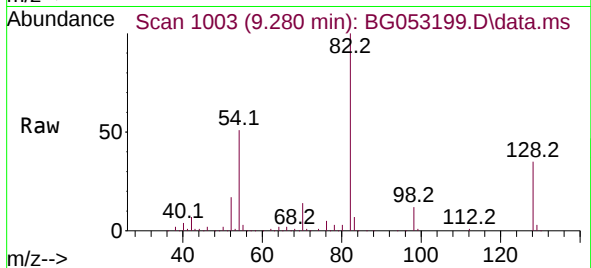
Tgt Ion: 82 Resp: 229844

Ion Ratio Lower Upper

82 100

128 35.1 31.3 46.9

54 51.2 37.8 56.8



#32

Benzoic acid

Concen: 3.671 ng

RT: 10.643 min Scan# 1235

Delta R.T. 0.406 min

Lab File: BG053199.D

Acq: 19 Apr 2022 17:19

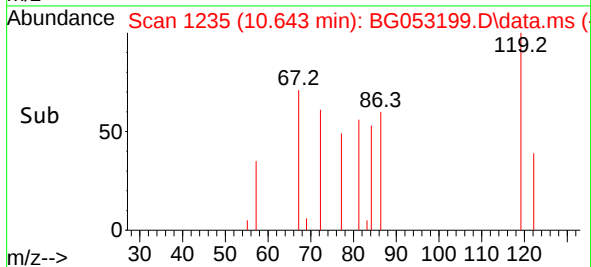
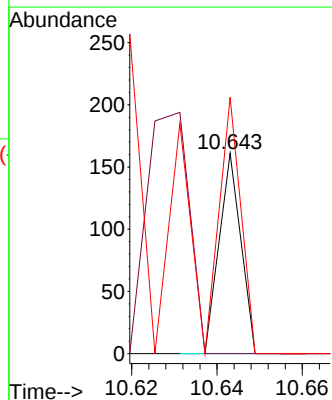
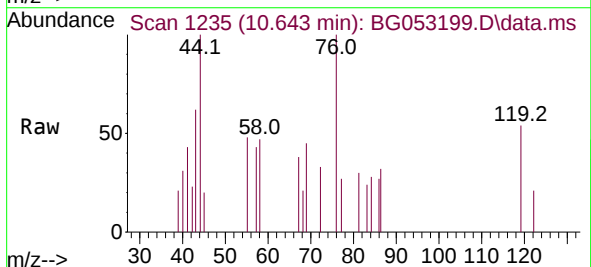
Tgt Ion:122 Resp: 57

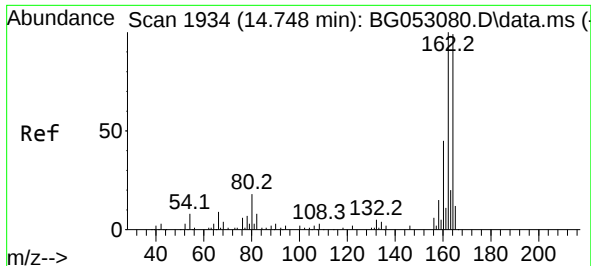
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 128.0 78.4 118.4#

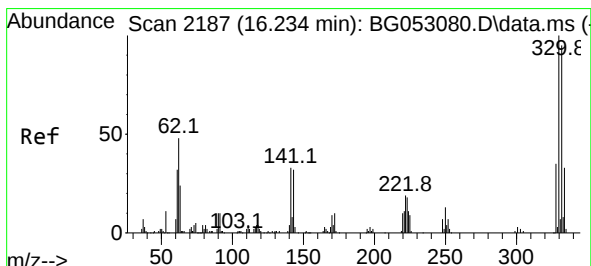
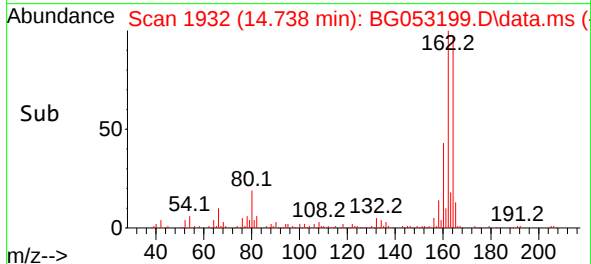
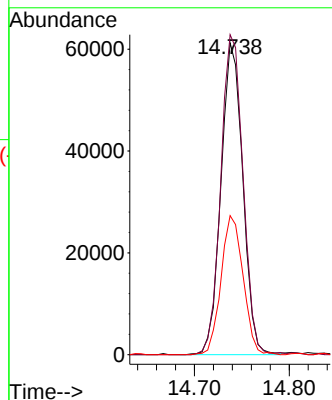
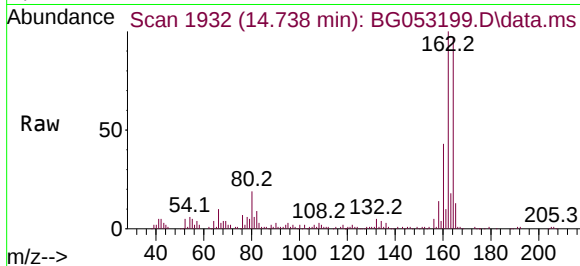




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

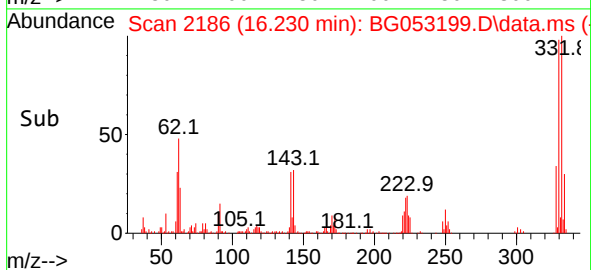
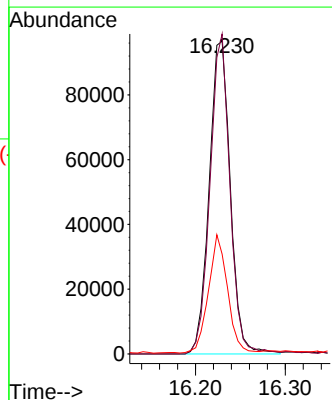
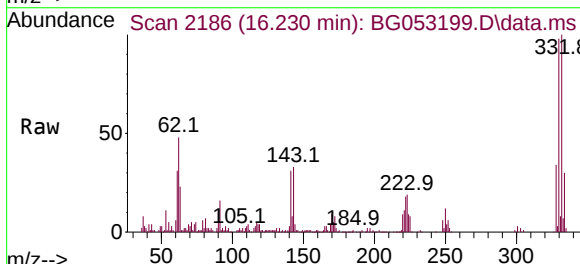
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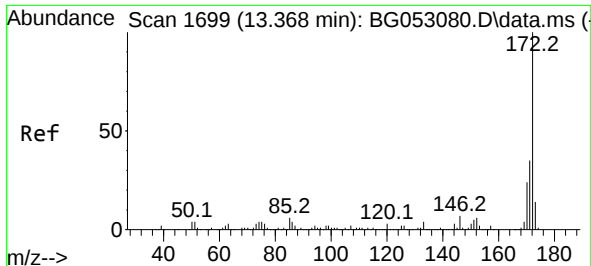
Tgt Ion:164 Resp: 97932
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 44.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 101.300 ng
RT: 16.230 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:330 Resp: 157831
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 34.1 24.6 36.8

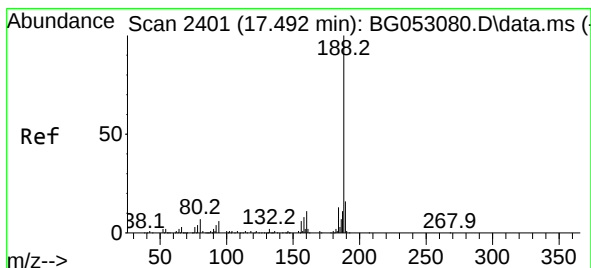
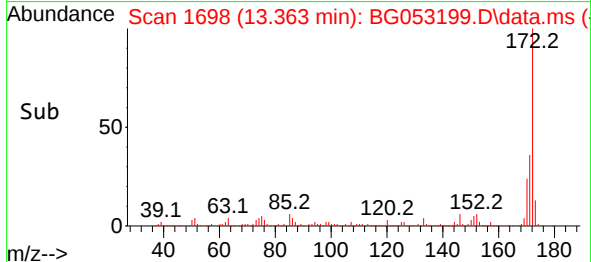
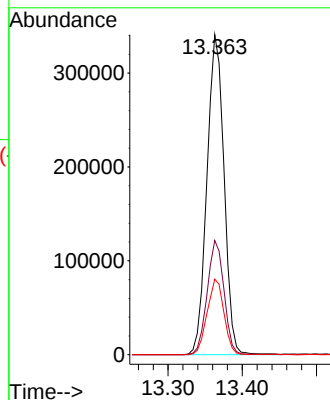
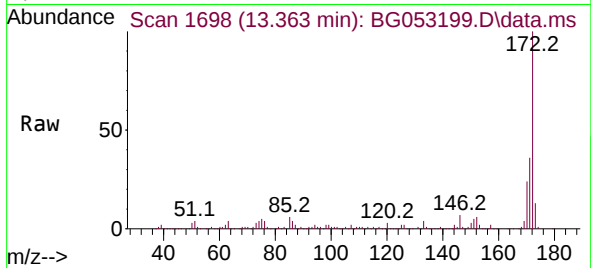




#45
2-Fluorobiphenyl
Concen: 76.787 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

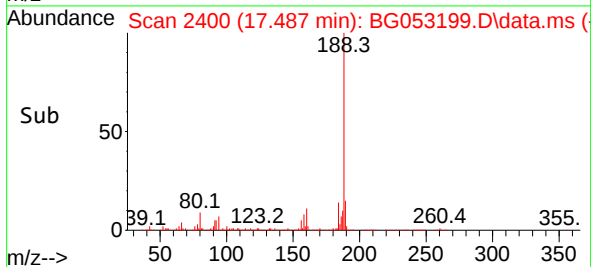
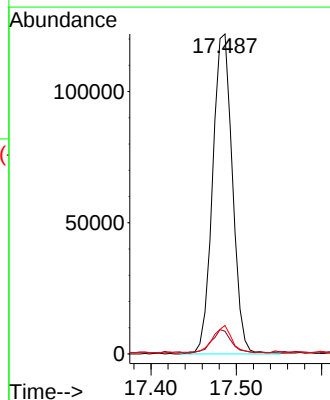
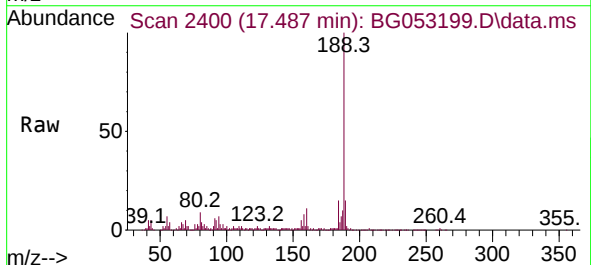
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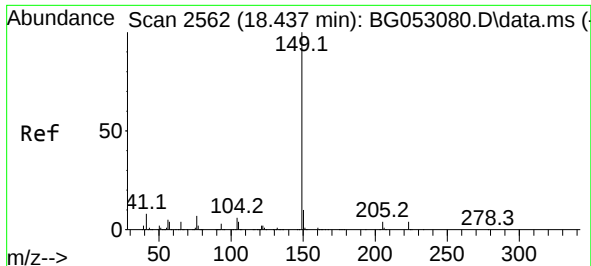
Tgt Ion:172 Resp: 545353
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.6 18.0 27.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2400
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:188 Resp: 195964
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.9 7.2 10.8

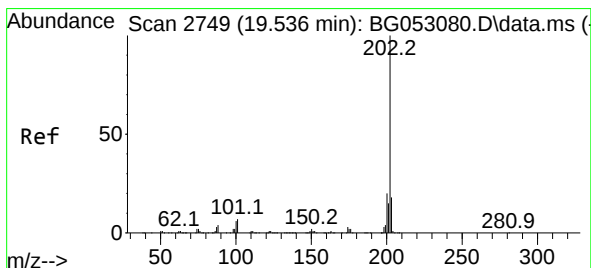
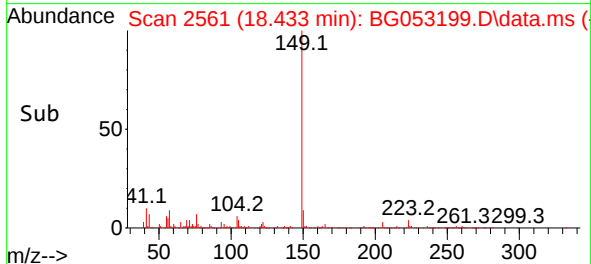
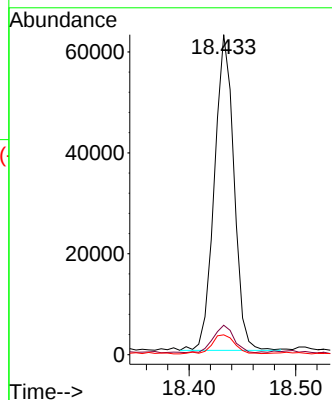
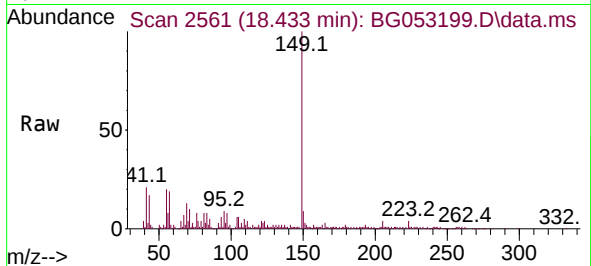




#74
Di-n-butylphthalate
Concen: 6.803 ng
RT: 18.433 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

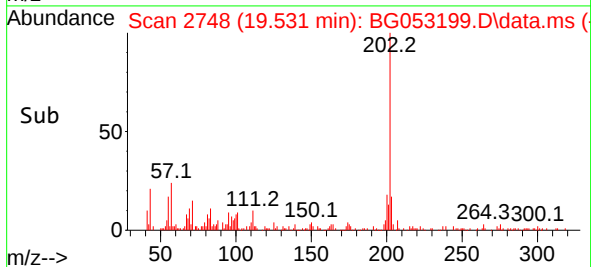
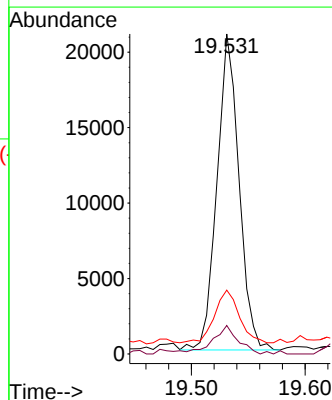
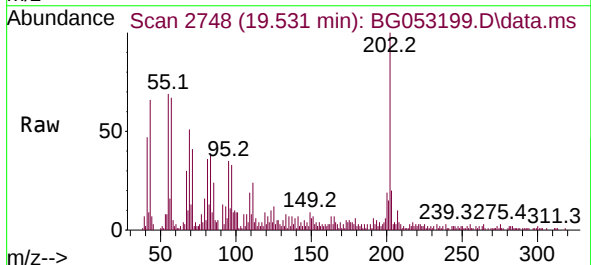
Instrument :
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COMP-05

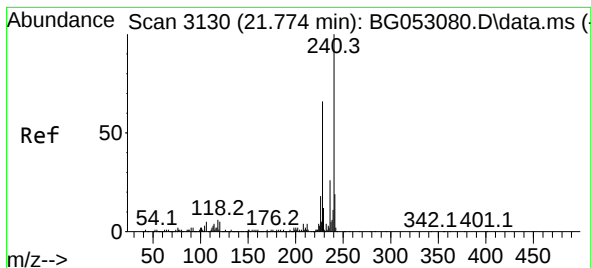
Tgt Ion:149 Resp: 79529
Ion Ratio Lower Upper
149 100
150 9.2 7.0 10.6
104 6.2 4.6 7.0



#75
Fluoranthene
Concen: 2.058 ng
RT: 19.531 min Scan# 2748
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:202 Resp: 28233
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.3
203 20.0 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.769 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG053199.D

Acq: 19 Apr 2022 17:19

Instrument :

BNA_G

ClientSampleId :

COMP-05

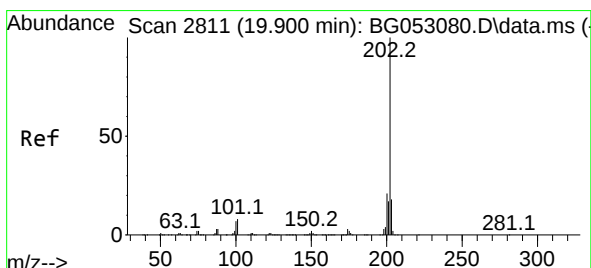
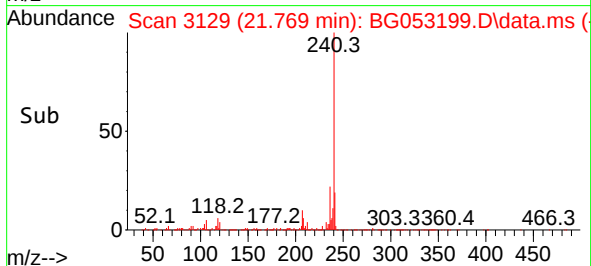
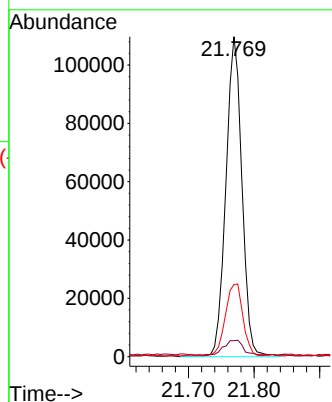
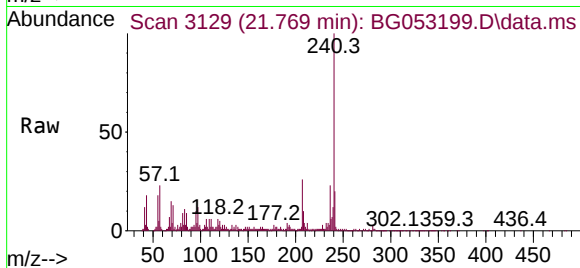
Tgt Ion:240 Resp: 185956

Ion Ratio Lower Upper

240 100

120 5.0 5.4 8.0#

236 22.6 19.8 29.6



#78

Pyrene

Concen: 2.132 ng

RT: 19.531 min Scan# 2748

Delta R.T. -0.369 min

Lab File: BG053199.D

Acq: 19 Apr 2022 17:19

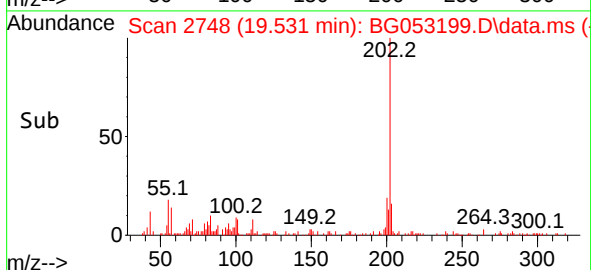
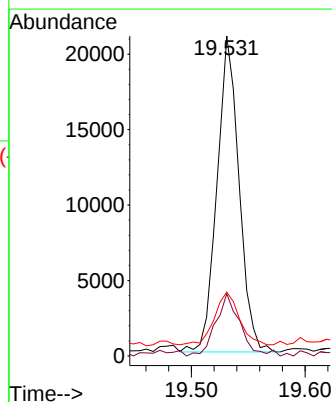
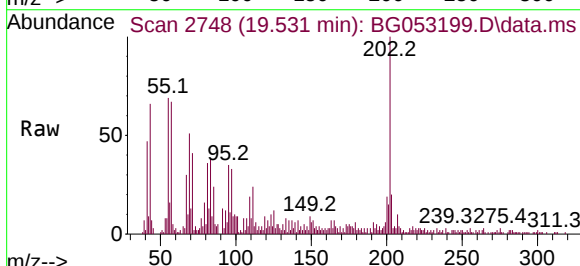
Tgt Ion:202 Resp: 28233

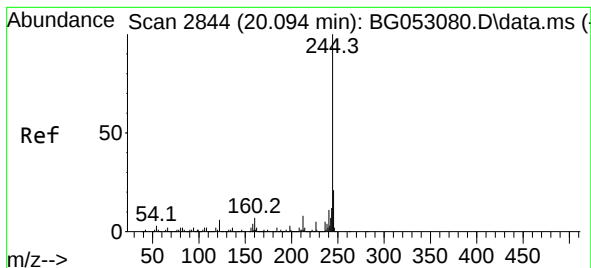
Ion Ratio Lower Upper

202 100

200 19.5 17.0 25.6

203 20.0 15.0 22.6





#79

Terphenyl-d14

Concen: 69.355 ng

RT: 20.089 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG053199.D

Acq: 19 Apr 2022 17:19

Instrument :

BNA_G

ClientSampleId :

COMP-05

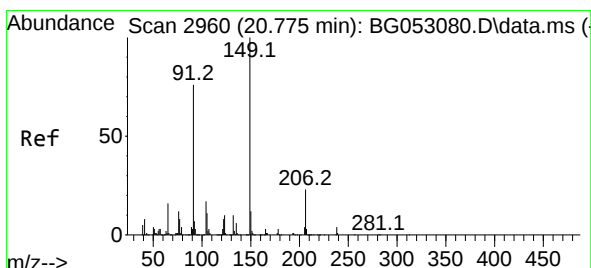
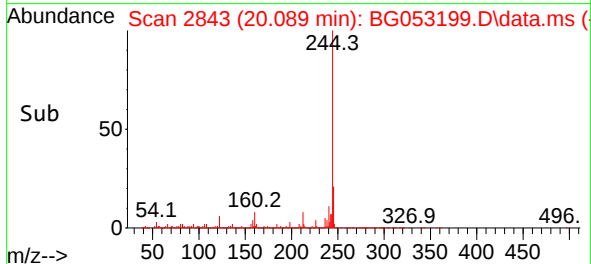
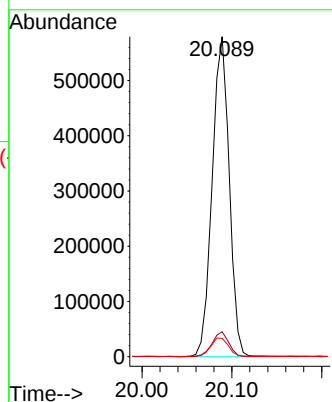
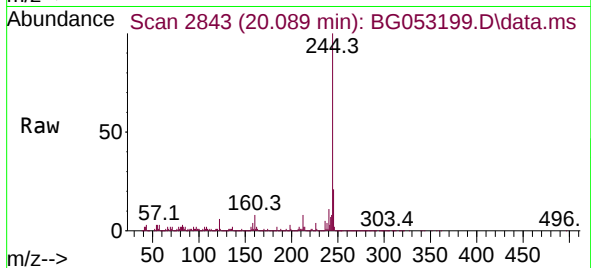
Tgt Ion:244 Resp: 763631

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

122 5.7 5.8 8.6#



#80

Butylbenzylphthalate

Concen: 2.380 ng

RT: 20.771 min Scan# 2959

Delta R.T. -0.005 min

Lab File: BG053199.D

Acq: 19 Apr 2022 17:19

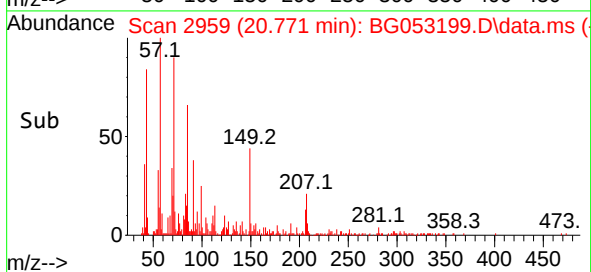
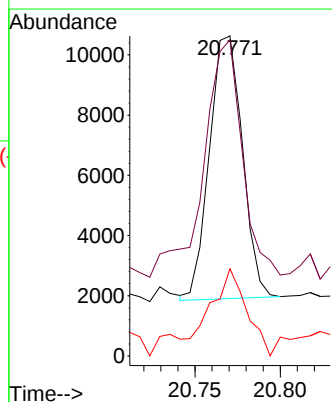
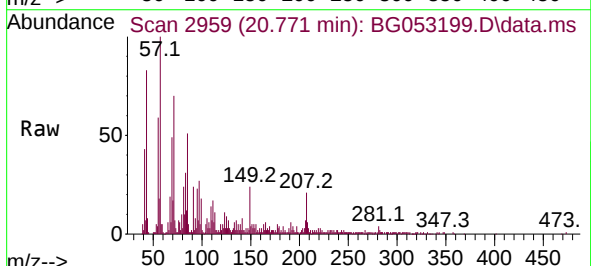
Tgt Ion:149 Resp: 11750

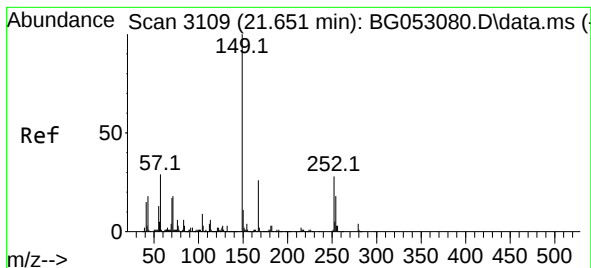
Ion Ratio Lower Upper

149 100

91 98.8 60.2 90.4#

206 27.3 19.4 29.2

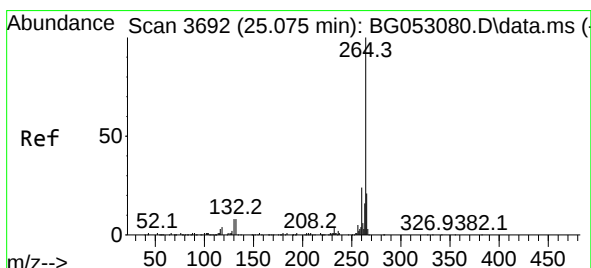
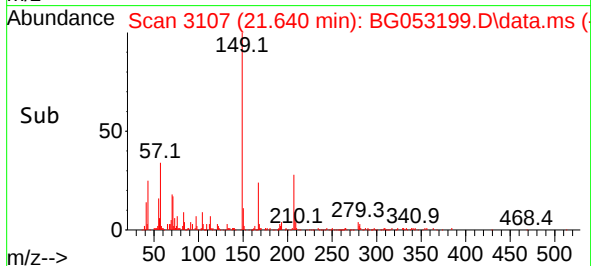
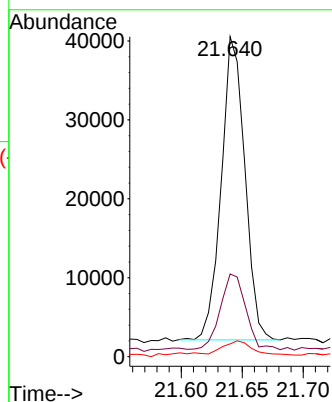
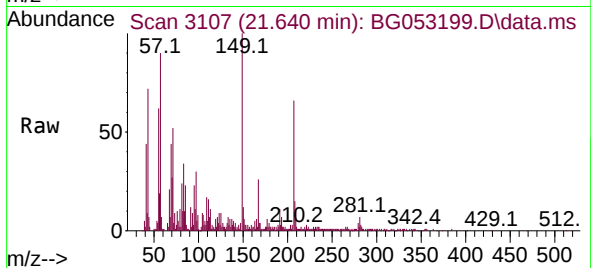




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.729 ng
RT: 21.640 min Scan# 3109
Delta R.T. -0.011 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

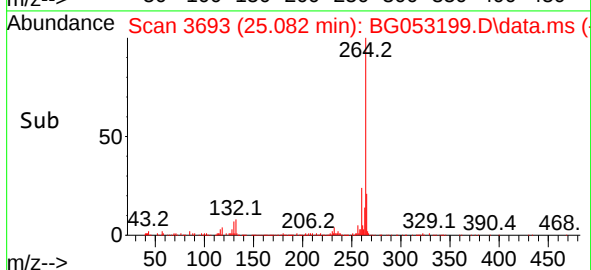
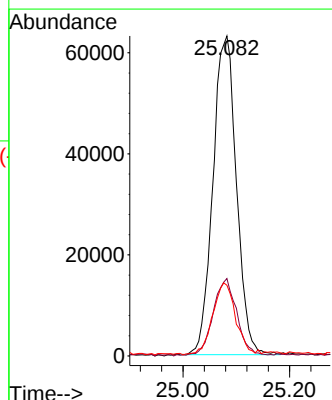
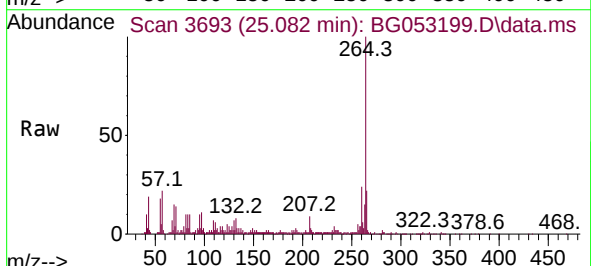
Instrument :
BNA_G
ClientSampleId :
COMP-05

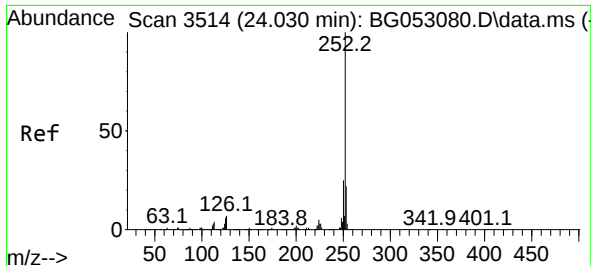
Tgt Ion:149 Resp: 51583
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.2
279 4.0 3.8 5.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.082 min Scan# 3693
Delta R.T. 0.007 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:264 Resp: 193102
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.2
265 22.1 15.1 22.7

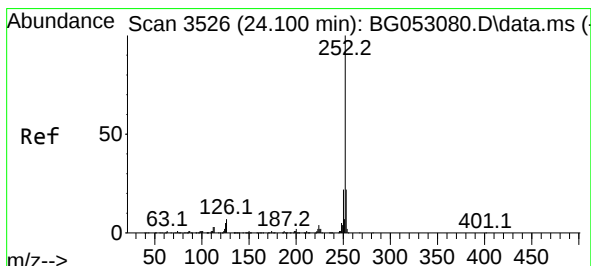
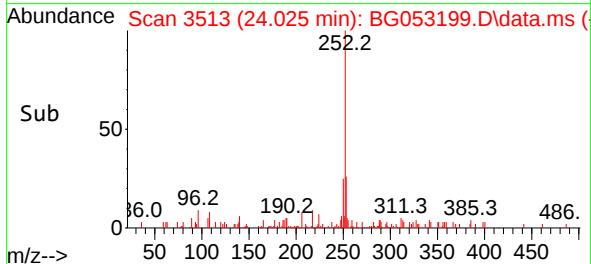
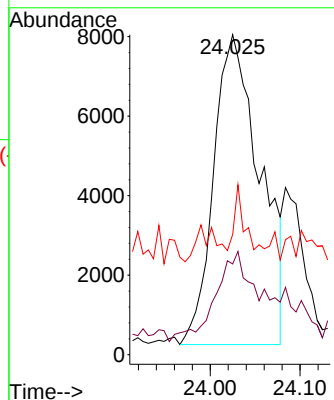
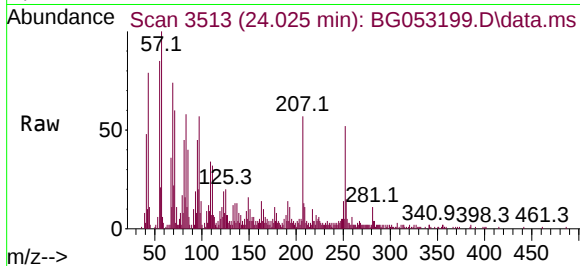




#88
Benzo(b)fluoranthene
Concen: 2.298 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.005 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Instrument :
BNA_G
ClientSampleId :
COMP-05

Tgt Ion:252 Resp: 27996
Ion Ratio Lower Upper
252 100
253 28.3 17.2 25.8#
125 37.6 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 2.338 ng
RT: 24.025 min Scan# 3513
Delta R.T. -0.075 min
Lab File: BG053199.D
Acq: 19 Apr 2022 17:19

Tgt Ion:252 Resp: 27996
Ion Ratio Lower Upper
252 100
253 28.3 17.4 26.0#
125 37.6 5.0 7.4#

