

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
 Data File : BG054219.D
 Acq On : 6 Jul 2022 14:31
 Operator : CG/JU
 Sample : N3562-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11A

Quant Time: Jul 06 15:57:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

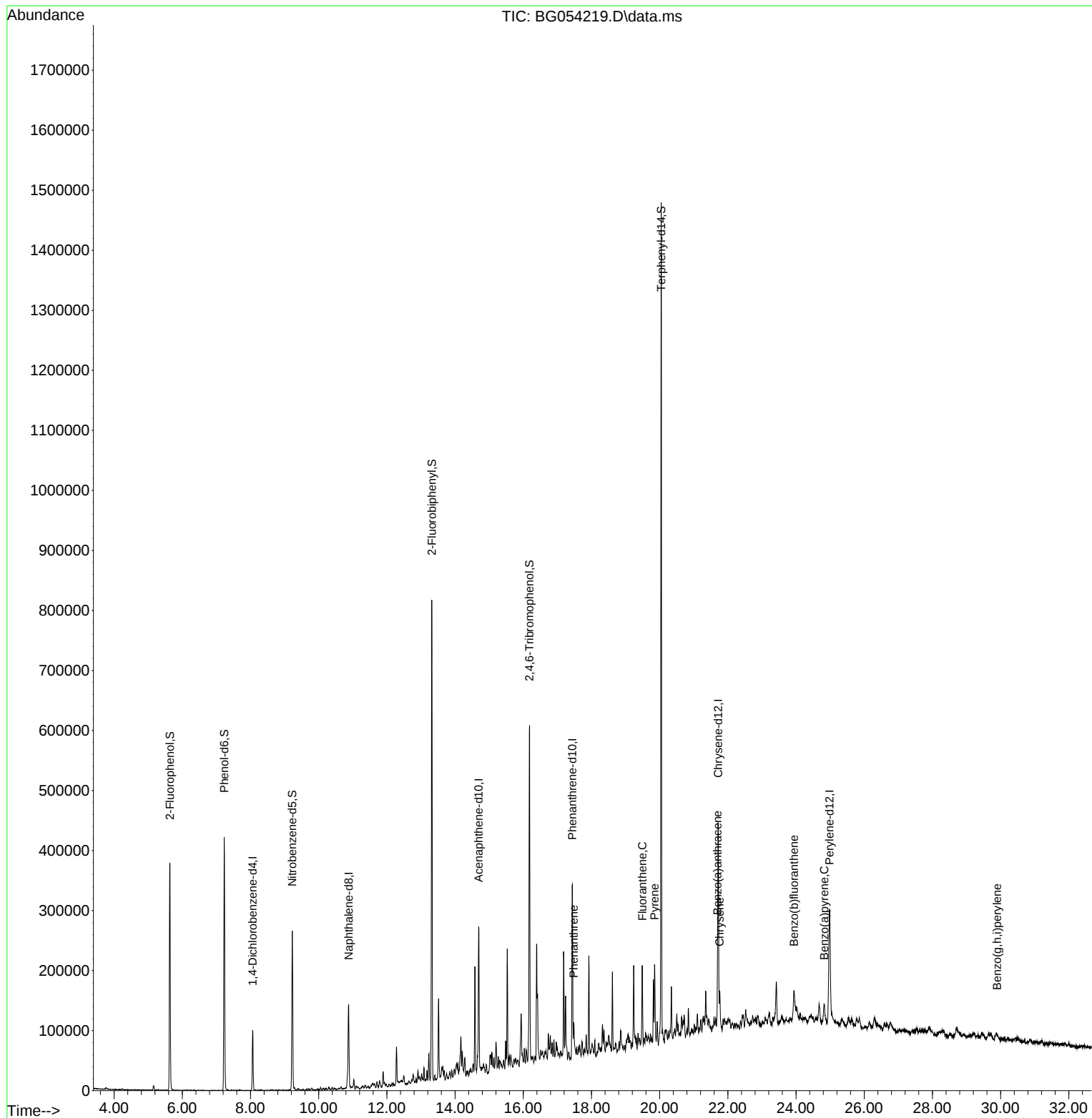
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	31585	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	130879	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	90356	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	203743	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	229959	20.000	ng	0.00
86) Perylene-d12	24.980	264	238152	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	188762	114.262	ng	0.00
7) Phenol-d6	7.230	99	260263	116.133	ng	0.00
23) Nitrobenzene-d5	9.228	82	172788	74.191	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	145410	100.163	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	455178	73.253	ng	0.00
79) Terphenyl-d14	20.044	244	788145	69.029	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.483	178	31939	3.051	ng	# 93
75) Fluoranthene	19.492	202	88356	6.430	ng	97
78) Pyrene	19.851	202	87259	6.283	ng	98
81) Benzo(a)anthracene	21.695	228	35701	2.398	ng	# 90
83) Chrysene	21.760	228	57390	4.044	ng	# 92
88) Benzo(b)fluoranthene	23.940	252	66812	4.614	ng	# 94
90) Benzo(a)pyrene	24.827	252	40066	3.279	ng	# 90
92) Benzo(g,h,i)perylene	29.898	276	30316	2.067	ng	# 92

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

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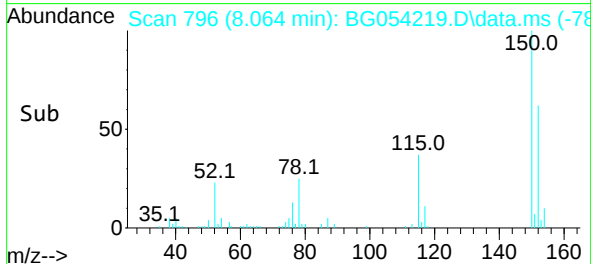
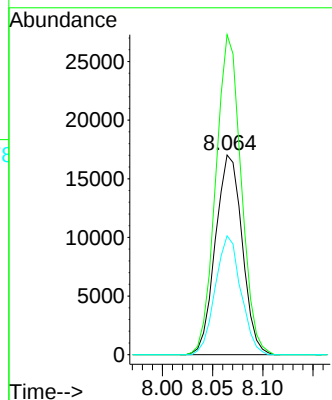
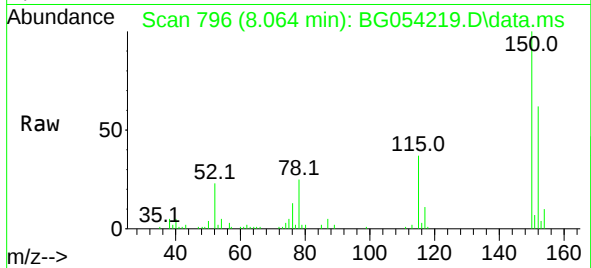




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

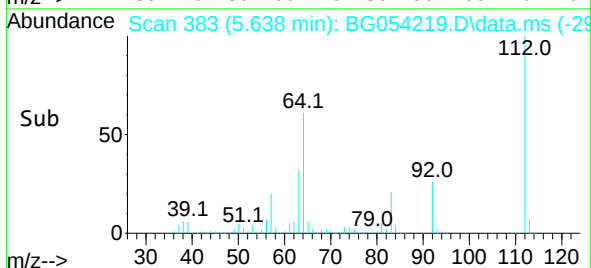
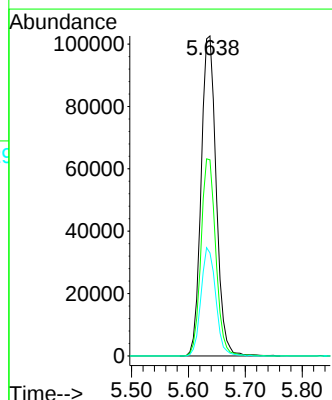
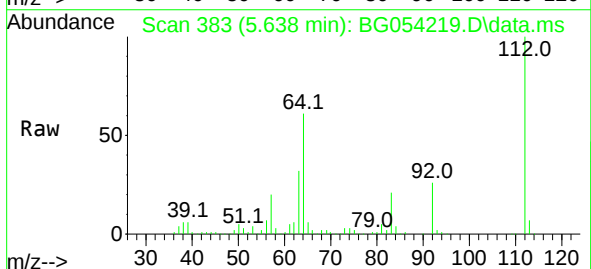
Instrument :
BNA_G
ClientSampleId :
SB-11A

Tgt Ion:152 Resp: 31585
Ion Ratio Lower Upper
152 100
150 160.2 131.6 197.4
115 59.5 50.9 76.3



#5
2-Fluorophenol
Concen: 114.262 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion:112 Resp: 188762
Ion Ratio Lower Upper
112 100
64 61.3 55.1 82.7
63 32.2 30.4 45.6

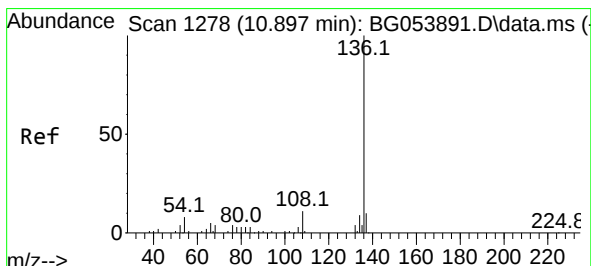
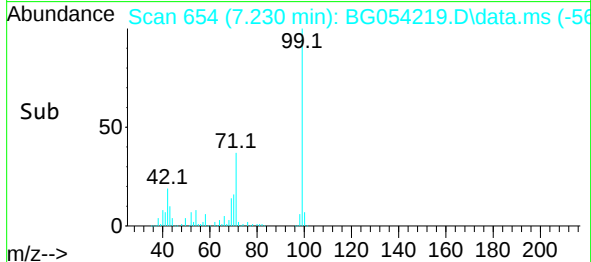
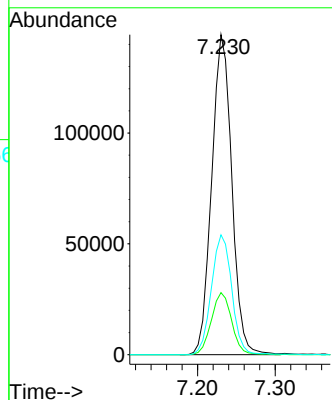
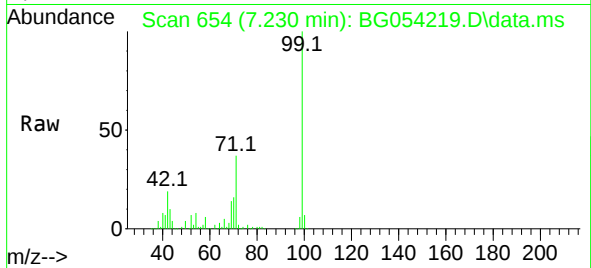




#7
Phenol-d6
Concen: 116.133 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

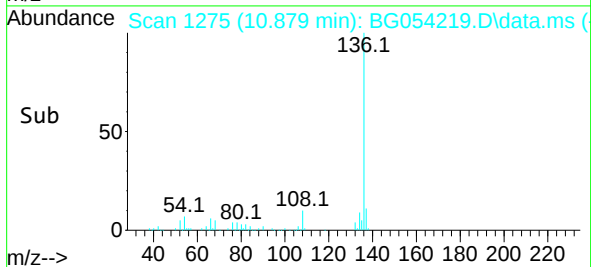
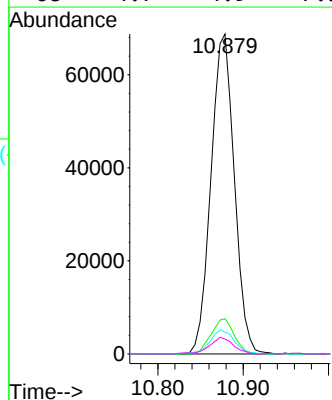
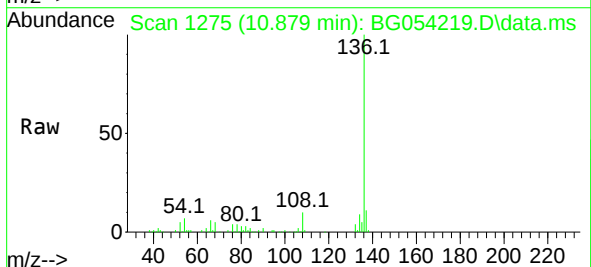
Instrument :
BNA_G
ClientSampleId :
SB-11A

Tgt Ion: 99 Resp: 260263
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 37.4 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.879 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion: 136 Resp: 130879
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.8 7.4 11.2#
68 4.7 4.9 7.3#

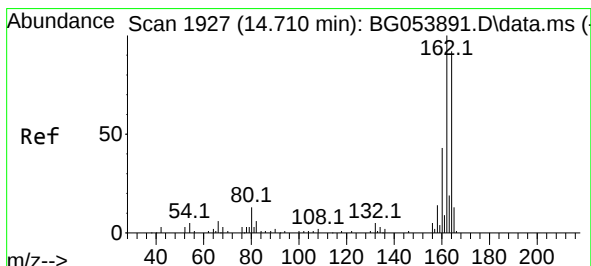
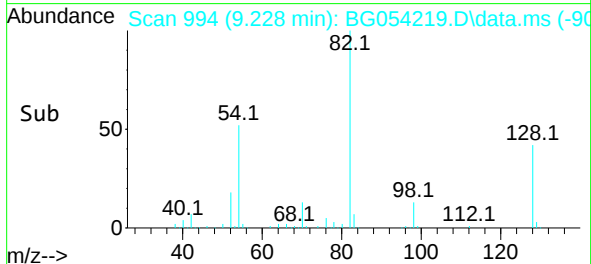
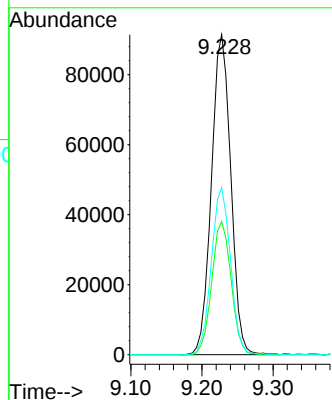
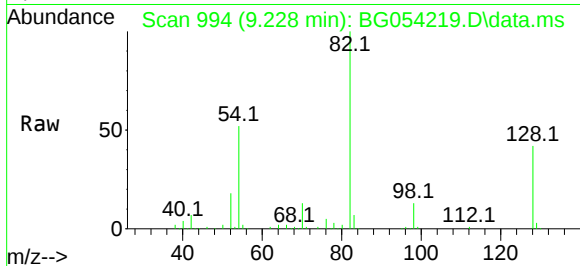




#23
Nitrobenzene-d5
Concen: 74.191 ng
RT: 9.228 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

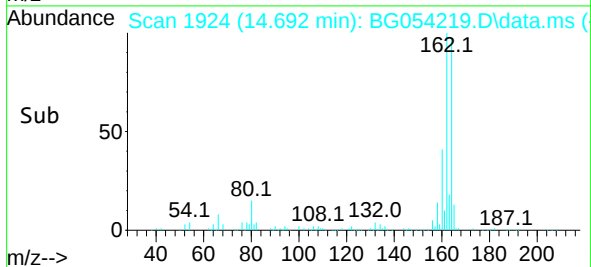
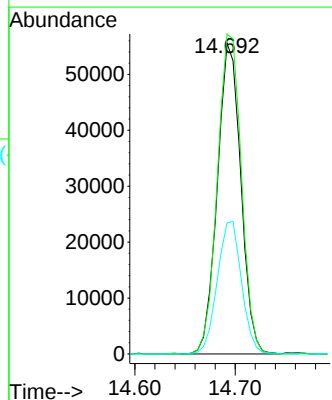
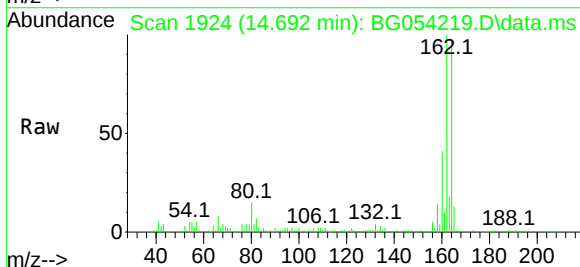
Instrument :
BNA_G
ClientSampleId :
SB-11A

Tgt Ion: 82 Resp: 172788
Ion Ratio Lower Upper
82 100
128 41.6 27.9 41.9
54 52.2 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion: 164 Resp: 90356
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 42.2 34.2 51.2

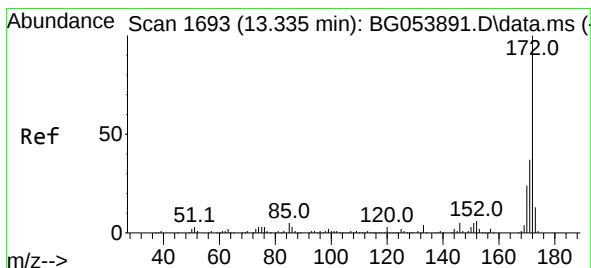
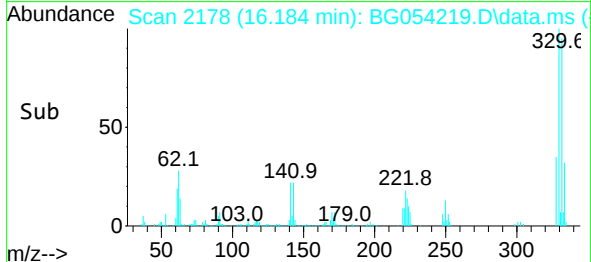
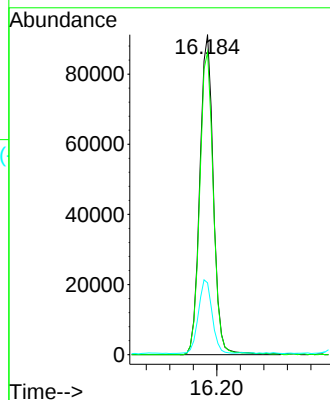
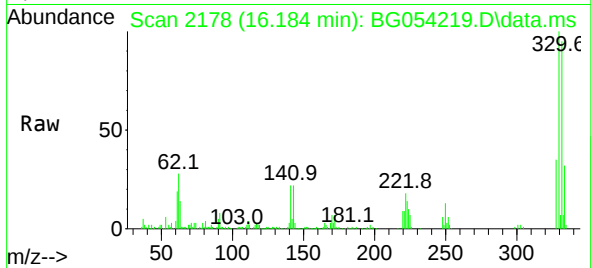




#42
2,4,6-Tribromophenol
Concen: 100.163 ng
RT: 16.184 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

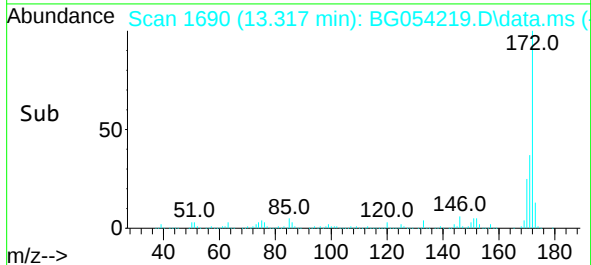
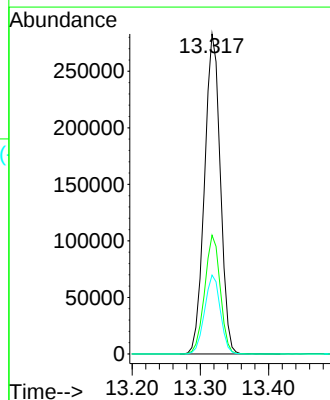
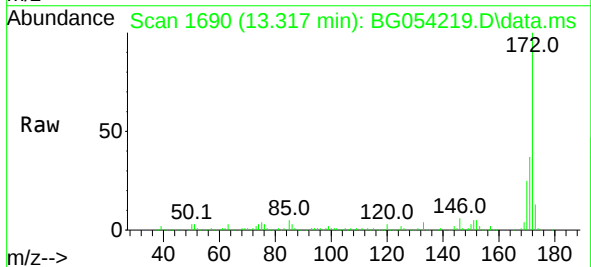
Instrument :
BNA_G
ClientSampleId :
SB-11A

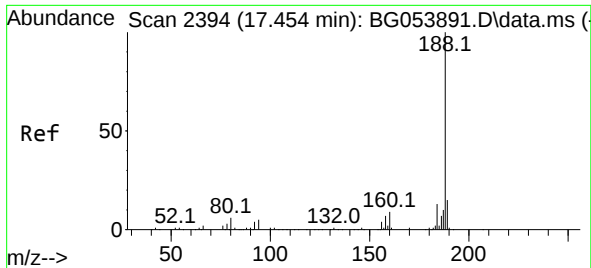
Tgt Ion:330 Resp: 145410
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 23.4 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 73.253 ng
RT: 13.317 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion:172 Resp: 455178
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.7 18.9 28.3

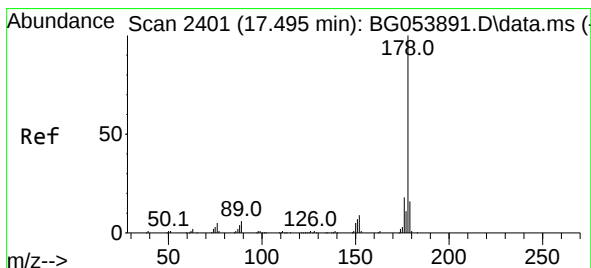
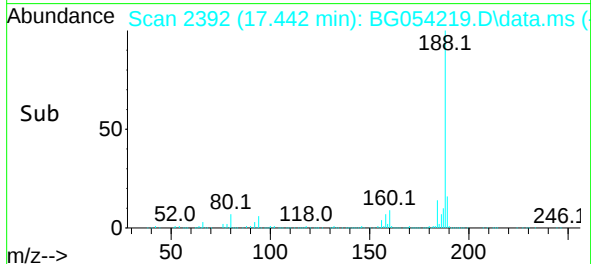
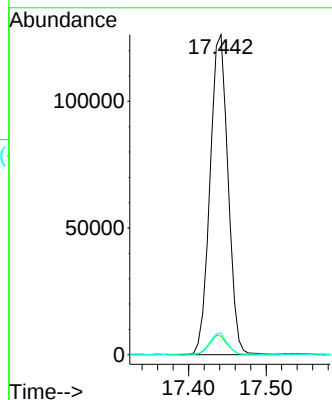
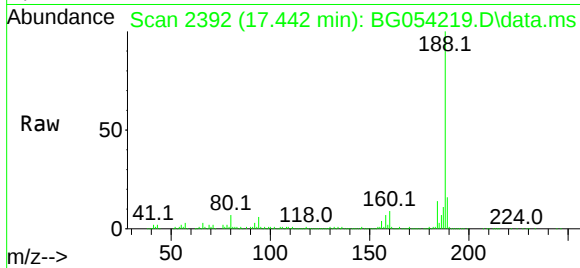




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

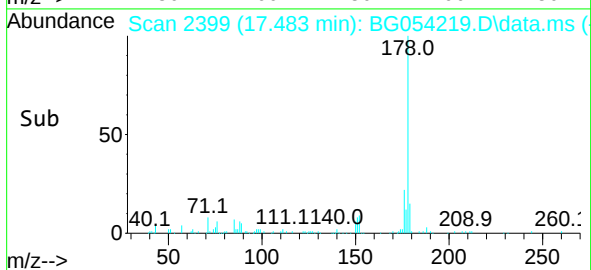
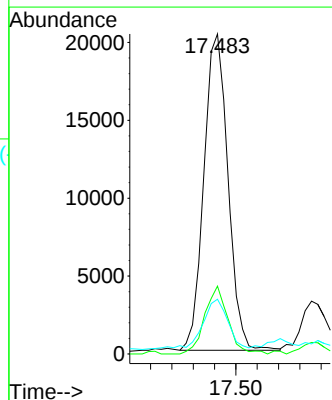
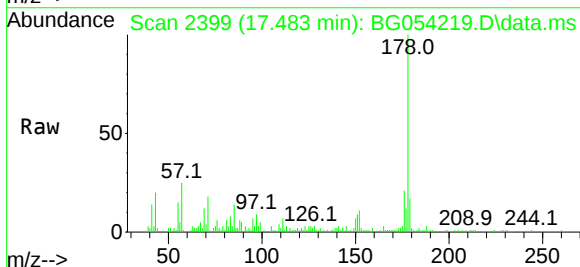
Instrument :
BNA_G
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SB-11A

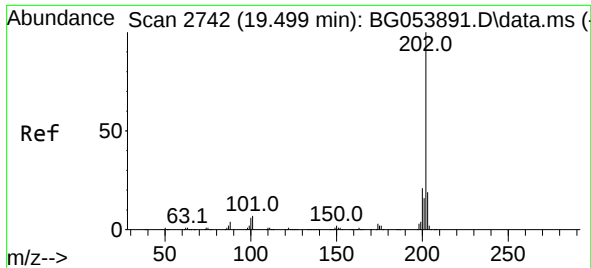
Tgt Ion:188 Resp: 203743
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 6.8 6.8 10.2#



#71
Phenanthrene
Concen: 3.051 ng
RT: 17.483 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion:178 Resp: 31939
Ion Ratio Lower Upper
178 100
176 21.2 14.1 21.1#
179 17.1 12.1 18.1

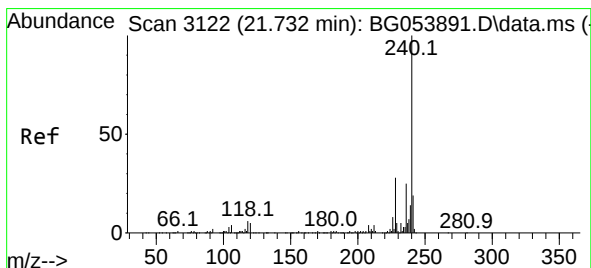
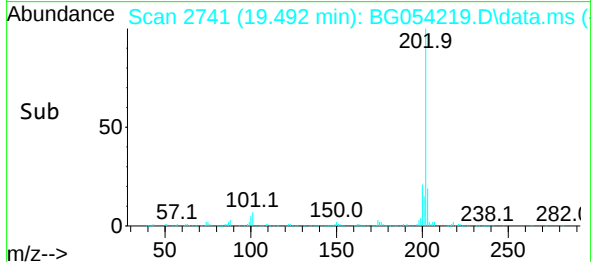
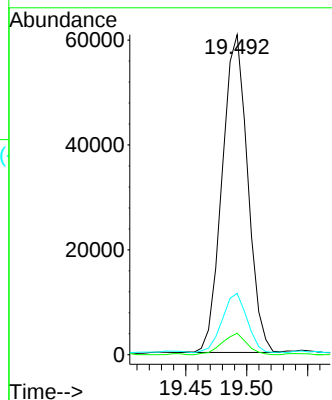
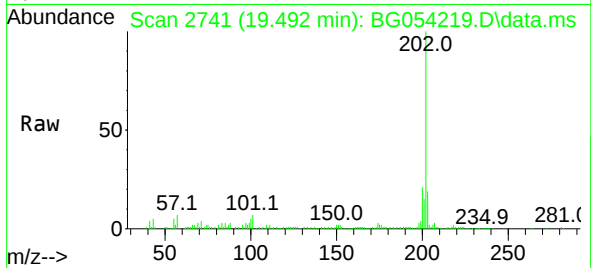




#75
Fluoranthene
Concen: 6.430 ng
RT: 19.492 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

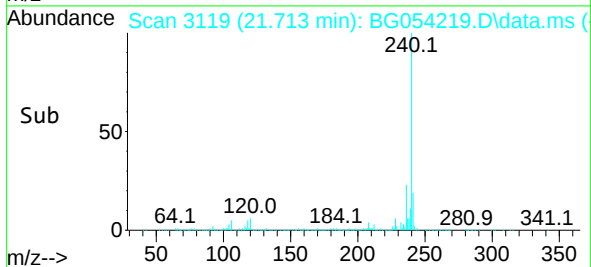
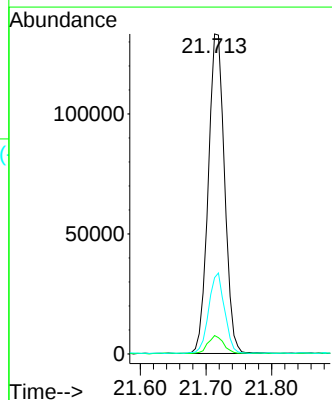
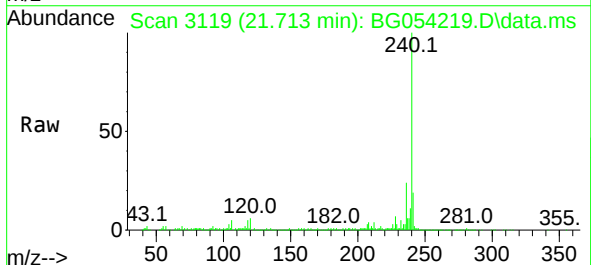
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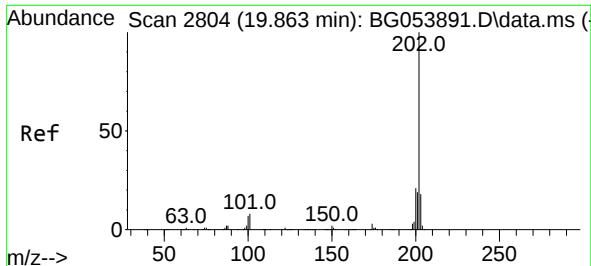
Tgt Ion:202 Resp: 88356
Ion Ratio Lower Upper
202 100
101 6.7 0.0 26.9
203 19.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion:240 Resp: 229959
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 23.9 20.2 30.4

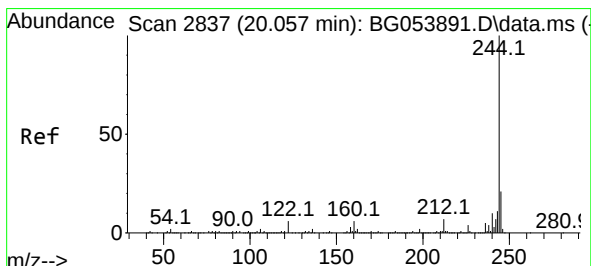
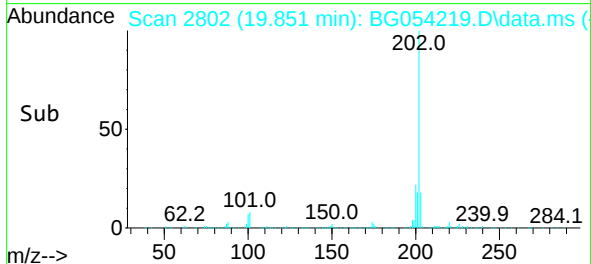
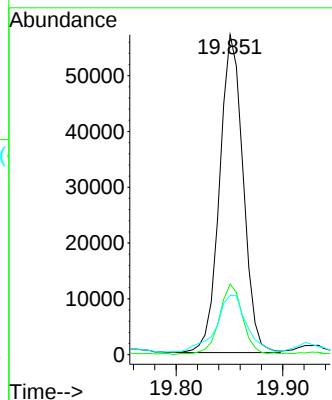
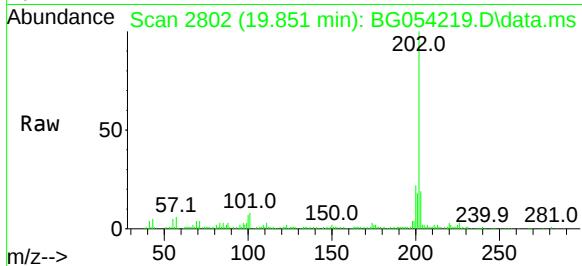




#78
 Pyrene
 Concen: 6.283 ng
 RT: 19.851 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054219.D
 Acq: 6 Jul 2022 14:31

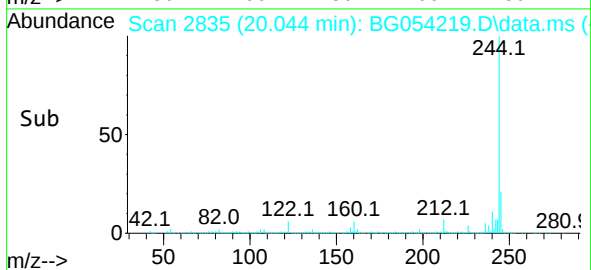
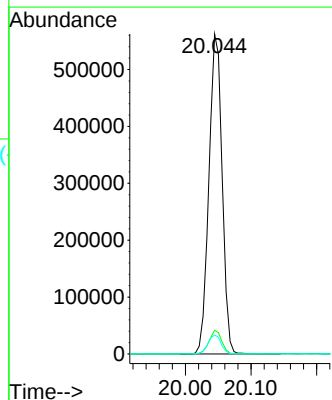
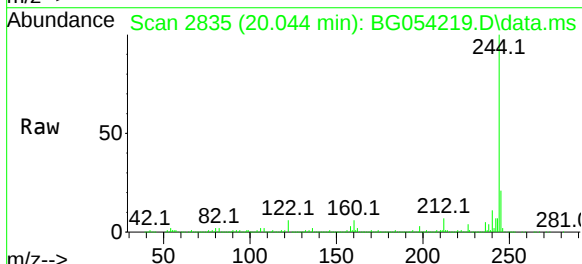
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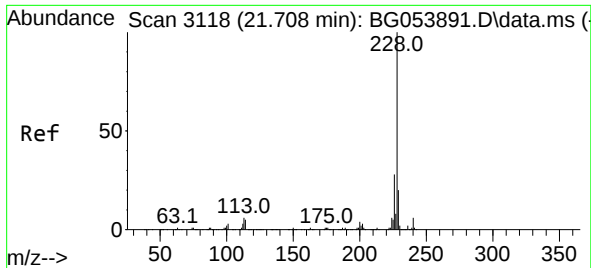
Tgt Ion:202 Resp: 87259
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.6 24.8
 203 18.5 14.6 21.8



#79
 Terphenyl-d14
 Concen: 69.029 ng
 RT: 20.044 min Scan# 2835
 Delta R.T. -0.000 min
 Lab File: BG054219.D
 Acq: 6 Jul 2022 14:31

Tgt Ion:244 Resp: 788145
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 5.9 5.0 7.4

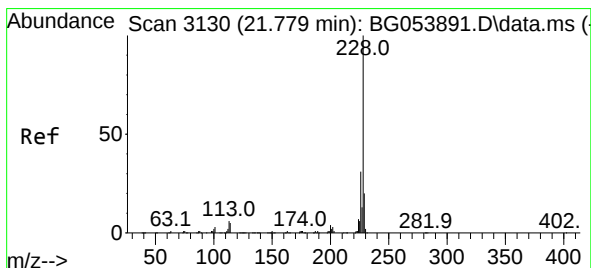
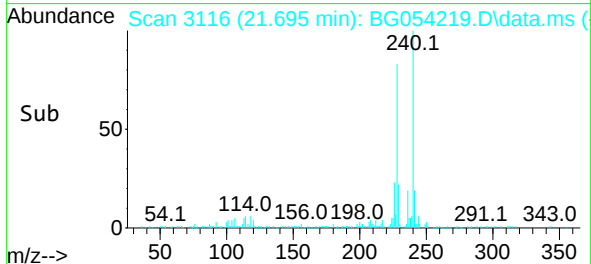
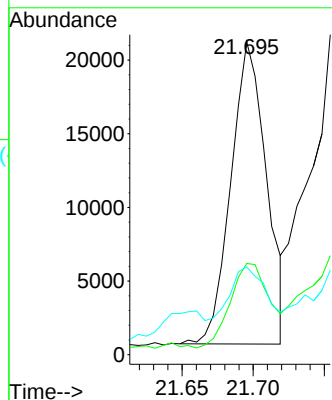
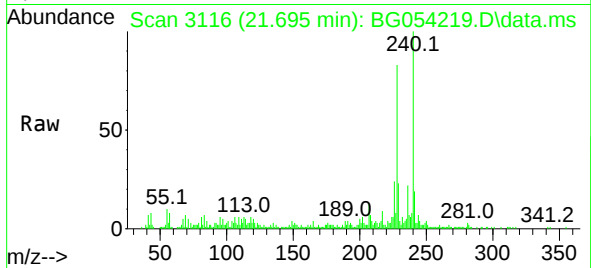




#81
Benzo(a)anthracene
Concen: 2.398 ng
RT: 21.695 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

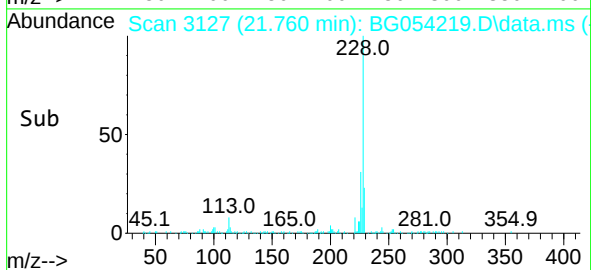
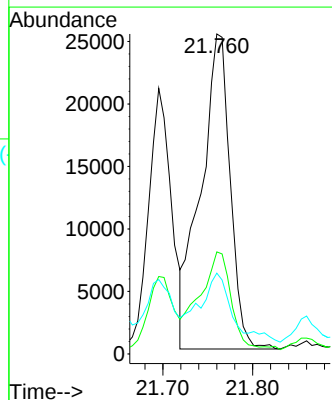
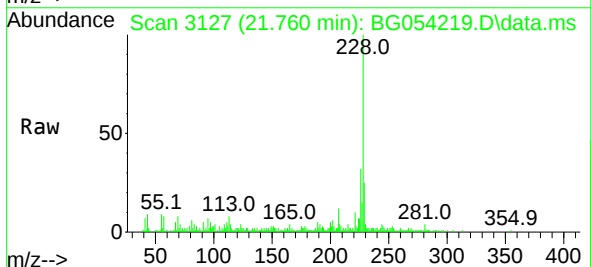
Instrument :
BNA_G
ClientSampleId :
SB-11A

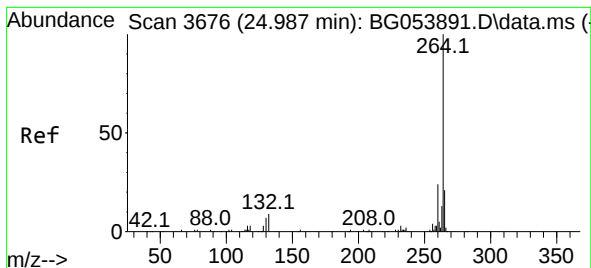
Tgt Ion:228 Resp: 35701
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 28.0 16.2 24.2#



#83
Chrysene
Concen: 4.044 ng
RT: 21.760 min Scan# 3127
Delta R.T. -0.000 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion:228 Resp: 57390
Ion Ratio Lower Upper
228 100
226 31.9 23.4 35.2
229 25.2 15.5 23.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3

Delta R.T. 0.017 min

Lab File: BG054219.D

Acq: 6 Jul 2022 14:31

Instrument :

BNA_G

ClientSampleId :

SB-11A

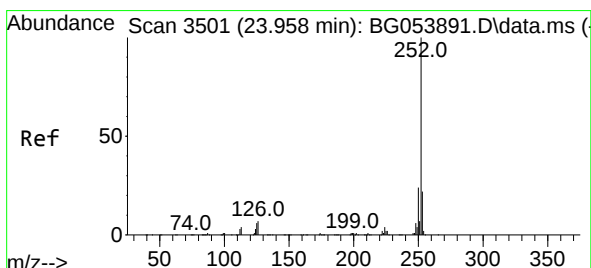
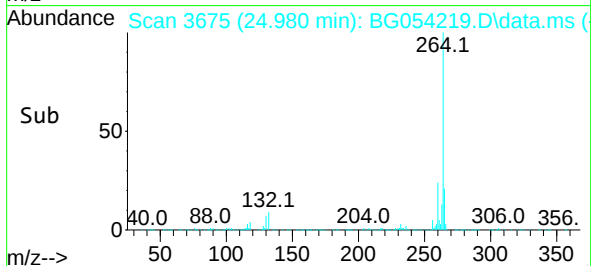
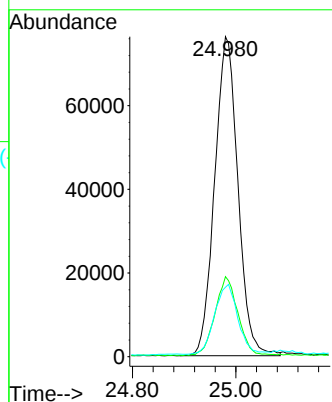
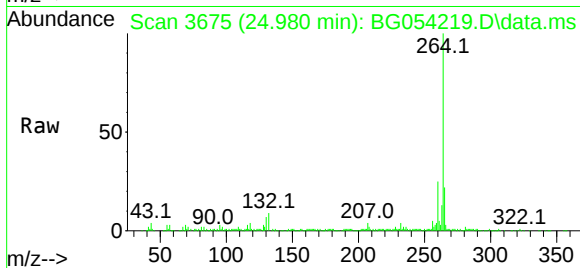
Tgt Ion:264 Resp: 238152

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.6

265 21.7 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.614 ng

RT: 23.940 min Scan# 3498

Delta R.T. 0.006 min

Lab File: BG054219.D

Acq: 6 Jul 2022 14:31

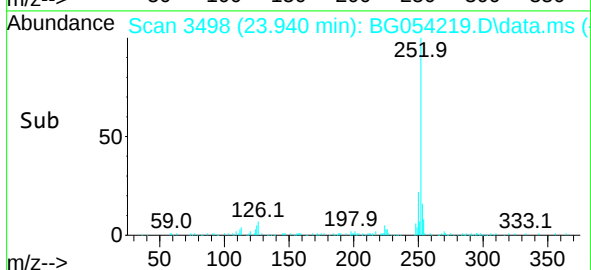
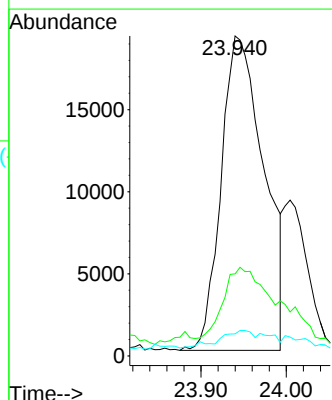
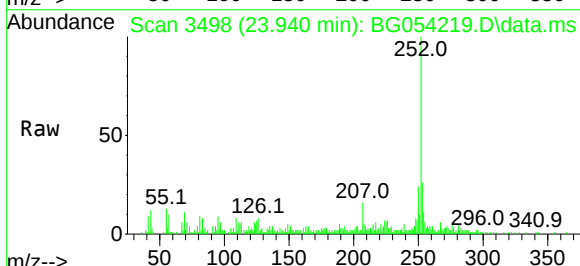
Tgt Ion:252 Resp: 66812

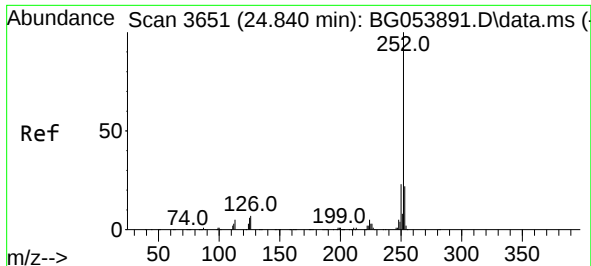
Ion Ratio Lower Upper

252 100

253 25.6 18.0 27.0

125 6.9 4.6 6.8#

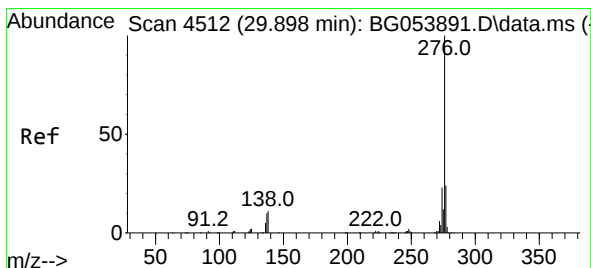
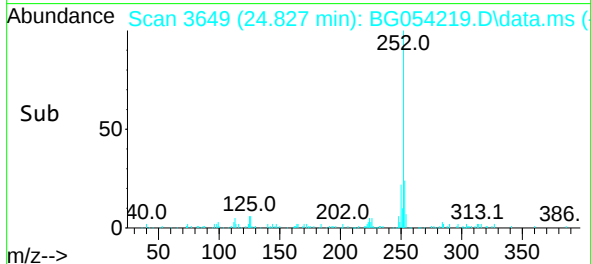
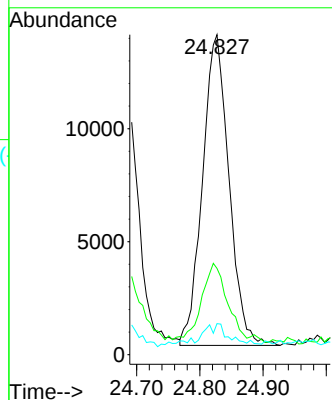
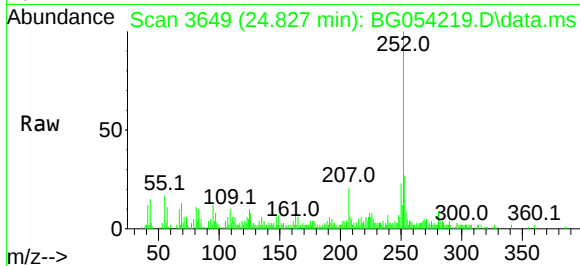




#90
Benzo(a)pyrene
Concen: 3.279 ng
RT: 24.827 min Scan# 3649
Delta R.T. 0.012 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Instrument :
BNA_G
ClientSampleId :
SB-11A

Tgt Ion:252 Resp: 40066
Ion Ratio Lower Upper
252 100
253 26.9 17.8 26.8#
125 9.7 4.3 6.5#



#92
Benzo(g,h,i)perylene
Concen: 2.067 ng
RT: 29.898 min Scan# 4512
Delta R.T. 0.035 min
Lab File: BG054219.D
Acq: 6 Jul 2022 14:31

Tgt Ion:276 Resp: 30316
Ion Ratio Lower Upper
276 100
277 26.9 17.3 25.9#
138 12.6 9.6 14.4

