

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054890.D
 Acq On : 8 Sep 2022 19:18
 Operator : CG/JU
 Sample : N4530-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-19-COMP

Quant Time: Sep 09 02:51:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

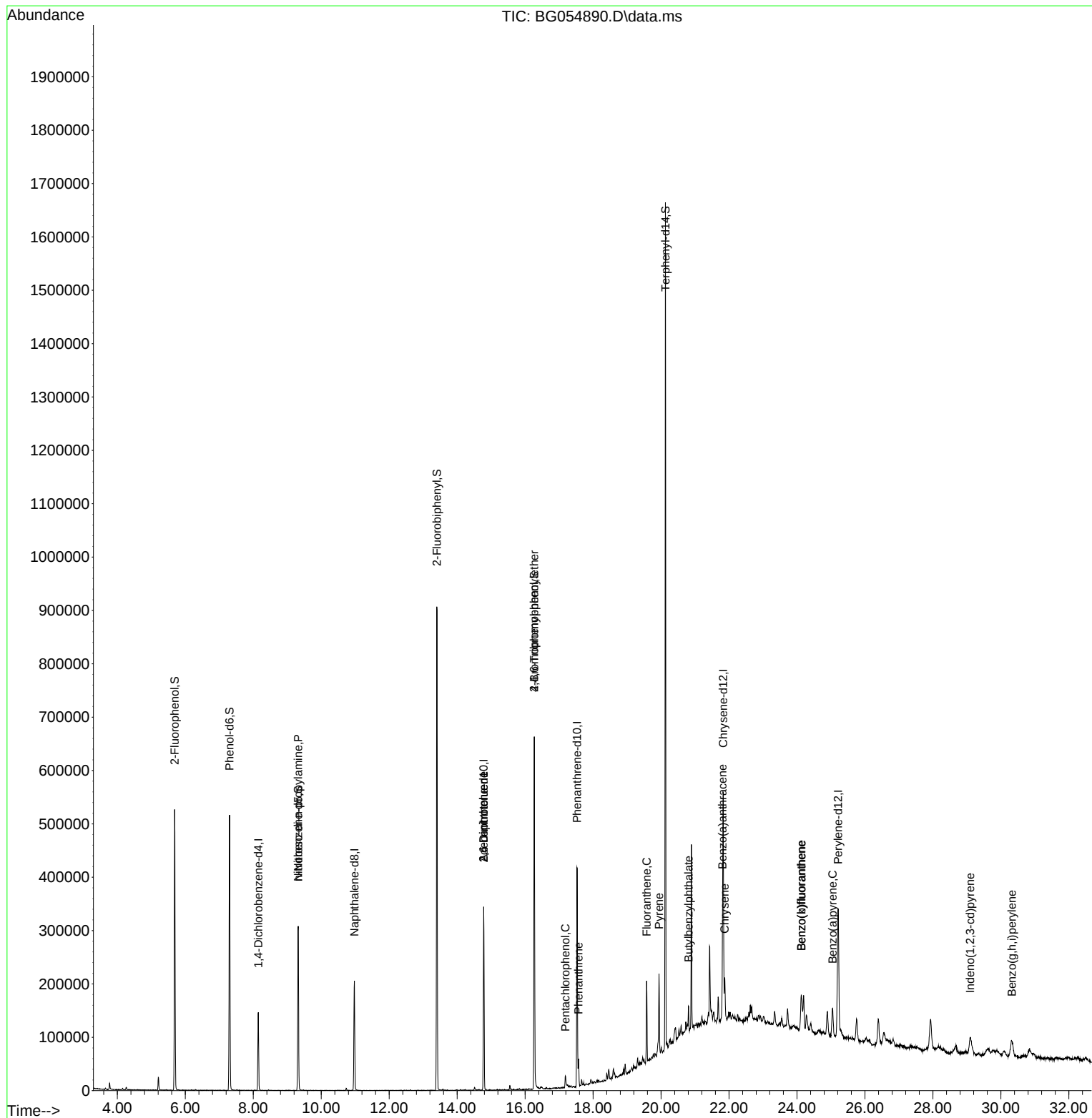
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	45866	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	190012	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	127210	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	276747	20.000	ng	0.00
76) Chrysene-d12	21.827	240	257695	20.000	ng	0.00
86) Perylene-d12	25.211	264	274640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	251907	95.640	ng	0.00
7) Phenol-d6	7.303	99	339149	94.153	ng	0.00
23) Nitrobenzene-d5	9.324	82	202205	55.865	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	150361	94.592	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	513103	60.624	ng	0.00
79) Terphenyl-d14	20.129	244	791086	60.826	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.324	70	25239	10.189	ng	# 80
51) 2,6-Dinitrotoluene	14.783	165	17030	8.496	ng	# 20
57) 2,4-Dinitrotoluene	14.783	165	17030	6.142	ng	# 18
67) 4-Bromophenyl-phenylether	16.269	248	9267	3.050	ng	# 1
70) Pentachlorophenol	17.186	266	8453	4.555	ng	96
71) Phenanthrene	17.573	178	31456	2.134	ng	97
75) Fluoranthene	19.577	202	98328	5.483	ng	98
78) Pyrene	19.941	202	96493	5.370	ng	99
80) Butylbenzylphthalate	20.811	149	15351	2.048	ng	94
81) Benzo(a)anthracene	21.810	228	55847	3.196	ng	100
83) Chrysene	21.874	228	58326	3.491	ng	97
87) Indeno(1,2,3-cd)pyrene	29.095	276	56151	2.693	ng	# 94
88) Benzo(b)fluoranthene	24.130	252	92699	5.381	ng	98
89) Benzo(k)fluoranthene	24.130	252	92699	5.346	ng	98
90) Benzo(a)pyrene	25.047	252	63375	4.306	ng	95
92) Benzo(g,h,i)perylene	30.323	276	65887	3.840	ng	99

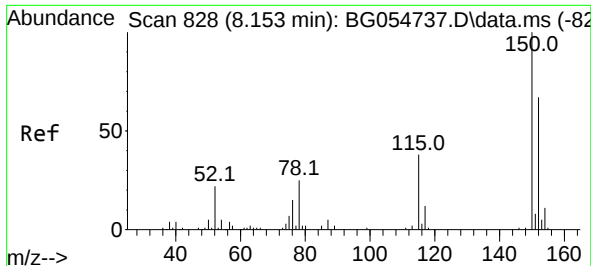
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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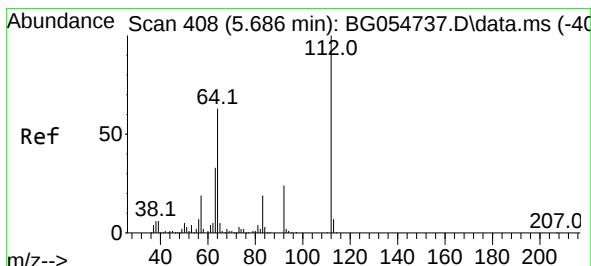
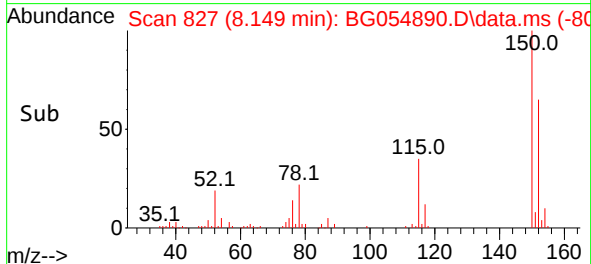
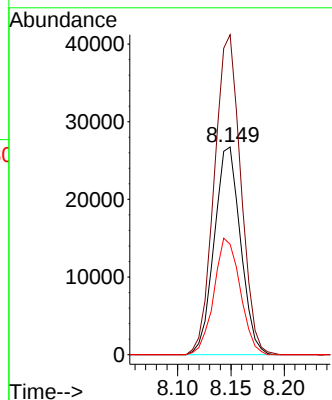
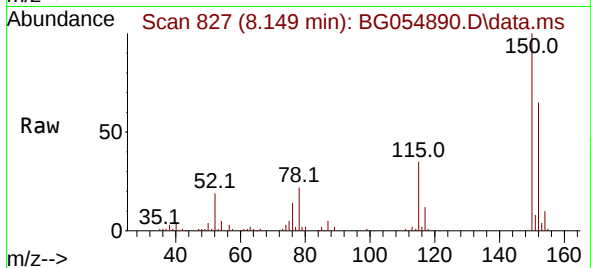




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

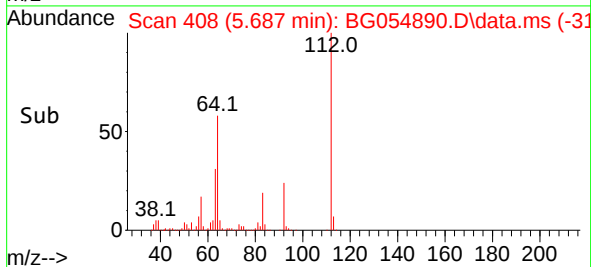
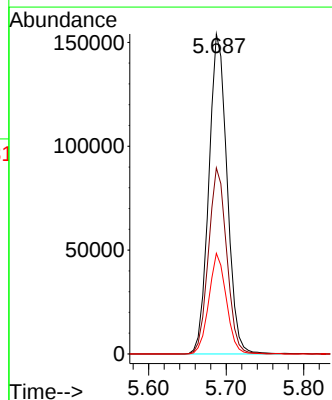
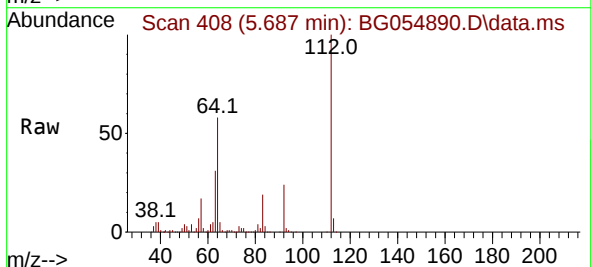
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

Tgt Ion:152 Resp: 45866
Ion Ratio Lower Upper
152 100
150 154.1 125.2 187.8
115 53.2 47.9 71.9



#5
2-Fluorophenol
Concen: 95.640 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:112 Resp: 251907
Ion Ratio Lower Upper
112 100
64 58.1 49.3 73.9
63 31.4 26.3 39.5

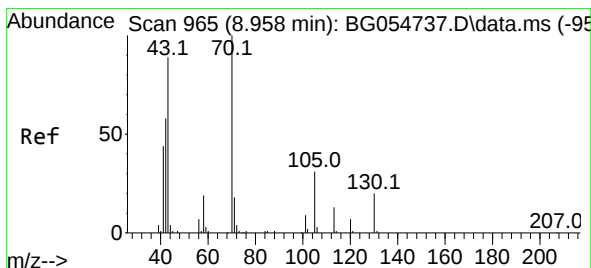
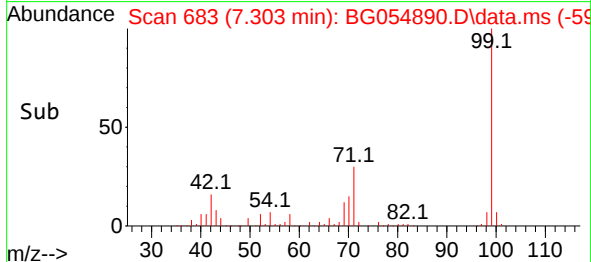
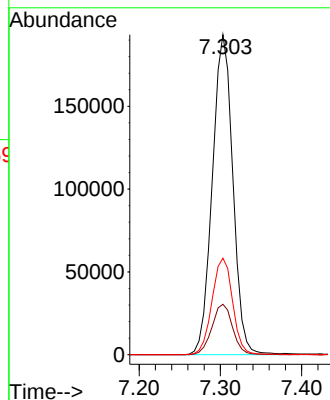
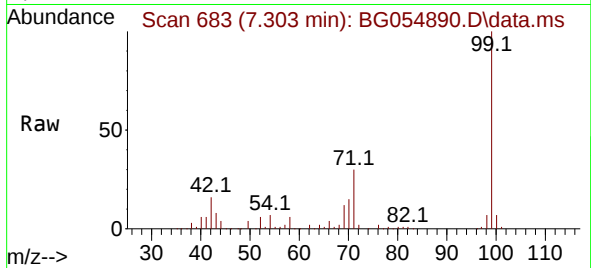




#7
Phenol-d6
Concen: 94.153 ng
RT: 7.303 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

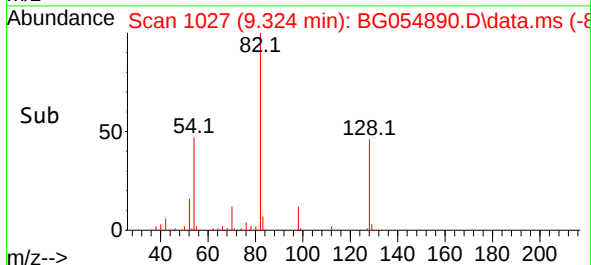
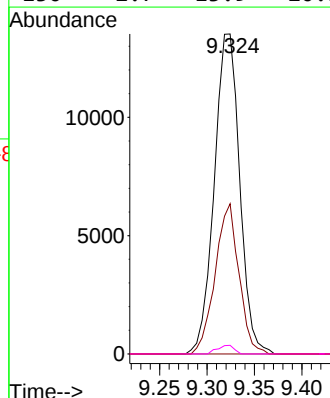
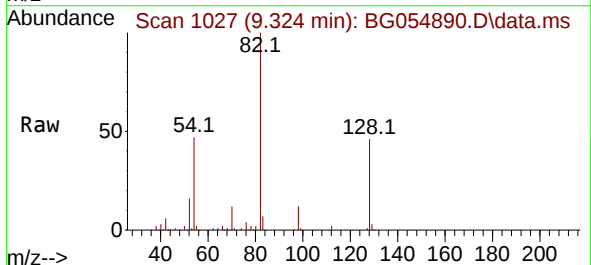
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

Tgt Ion: 99 Resp: 339149
Ion Ratio Lower Upper
99 100
42 15.8 14.6 22.0
71 30.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.189 ng
RT: 9.324 min Scan# 1027
Delta R.T. 0.367 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion: 70 Resp: 25239
Ion Ratio Lower Upper
70 100
42 46.9 46.6 69.8
101 0.0 7.7 11.5#
130 2.7 13.9 20.9#

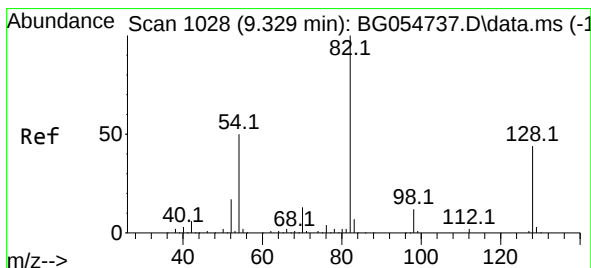
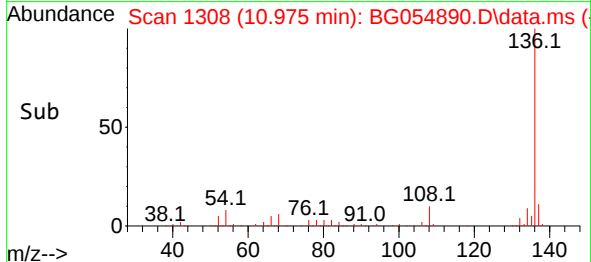
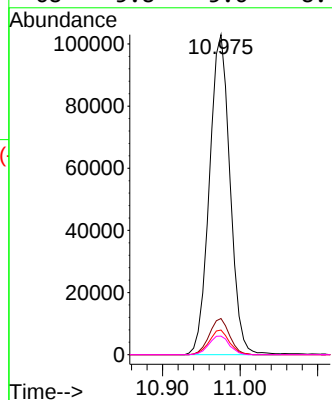
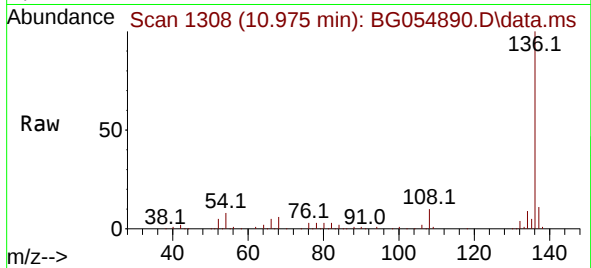




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

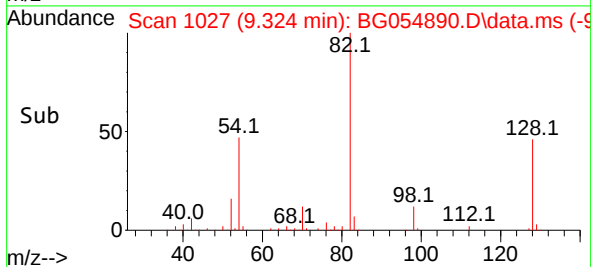
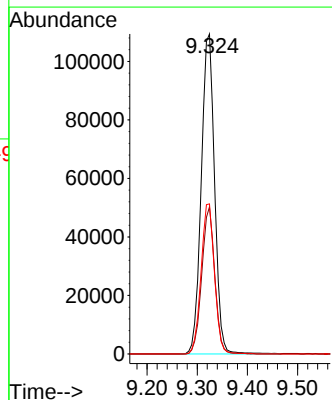
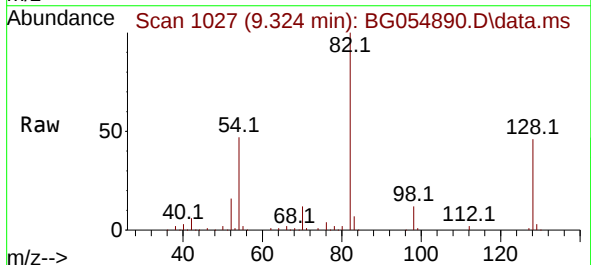
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

Tgt Ion:	136	Resp:	190012
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	7.7	7.7	11.5
68	5.8	5.6	8.4



#23
Nitrobenzene-d5
Concen: 55.865 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:	82	Resp:	202205
Ion Ratio	Lower	Upper	
82	100		
128	46.0	32.2	48.2
54	46.9	41.4	62.0

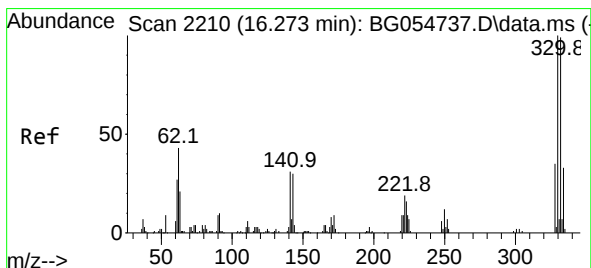
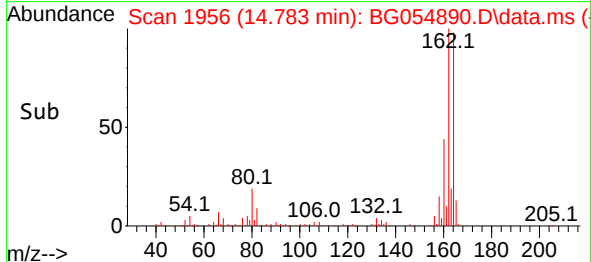
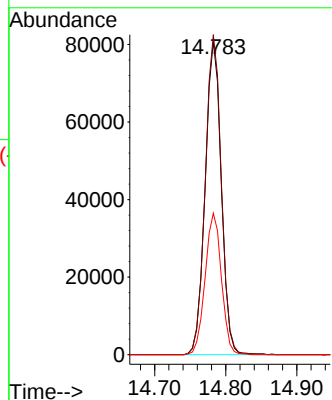
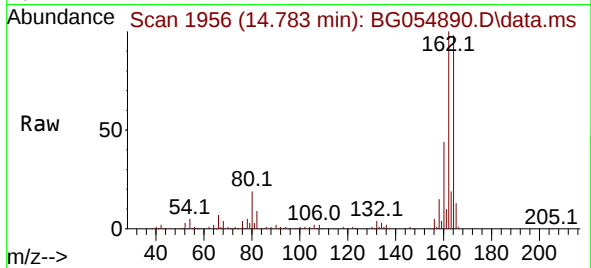




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

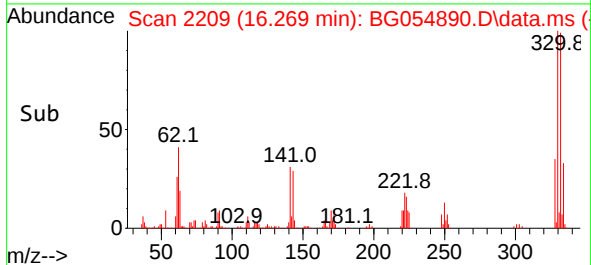
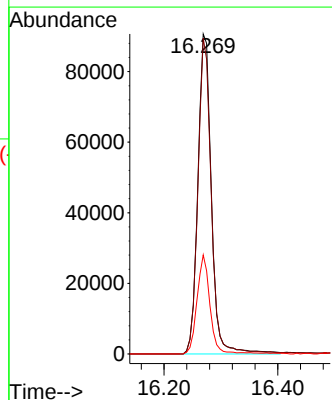
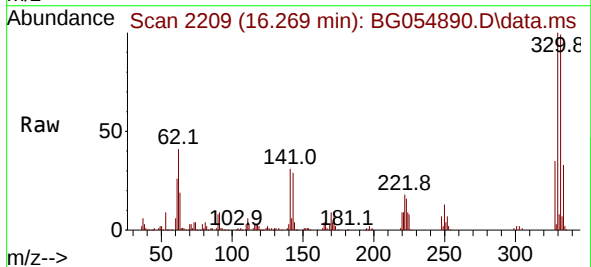
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

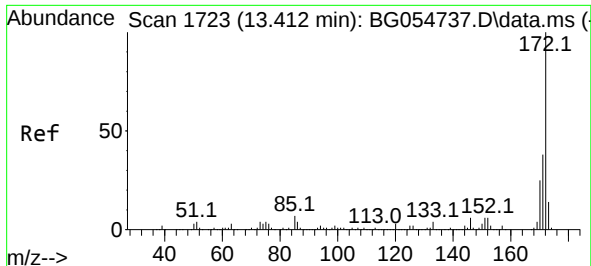
Tgt Ion:164 Resp: 127210
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.4
160 45.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 94.592 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:330 Resp: 150361
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 30.0 26.8 40.2

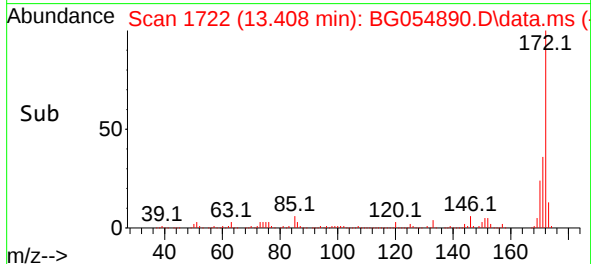
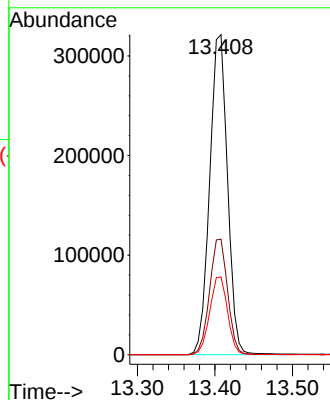
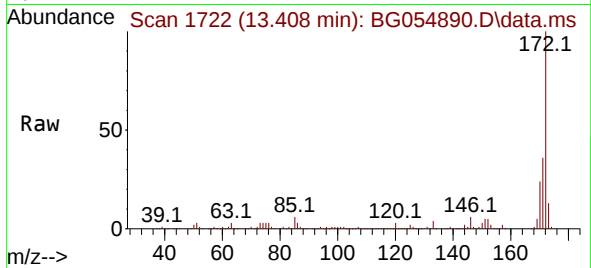




#45
2-Fluorobiphenyl
Concen: 60.624 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

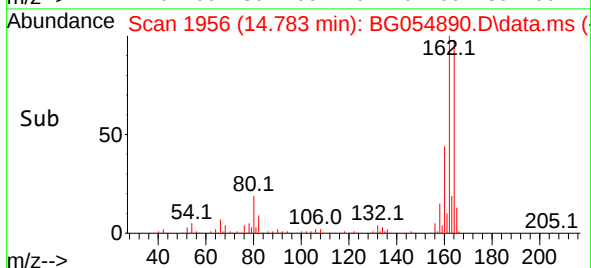
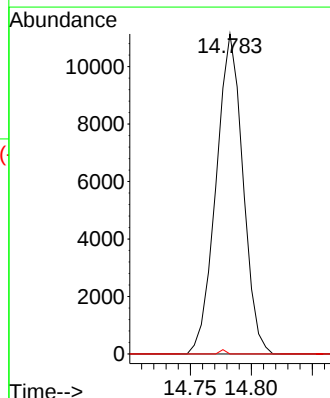
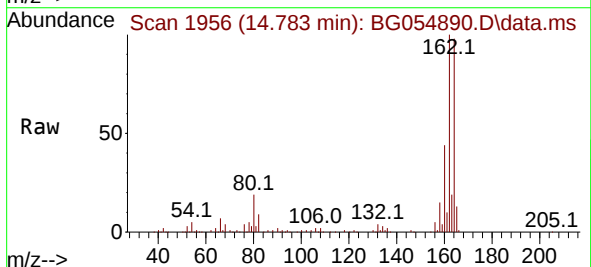
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ClientSampleId :
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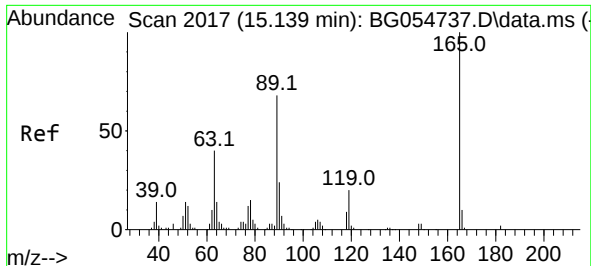
Tgt Ion:172 Resp: 513103
Ion Ratio Lower Upper
172 100
171 36.1 31.2 46.8
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.496 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.420 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:165 Resp: 17030
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

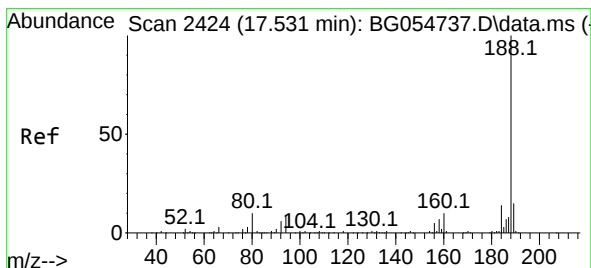
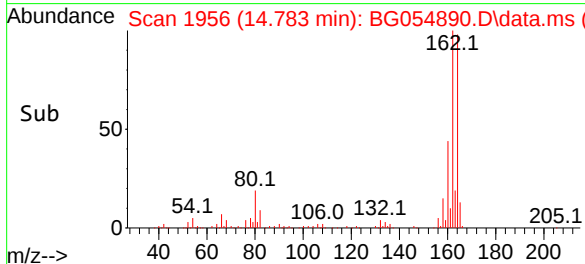
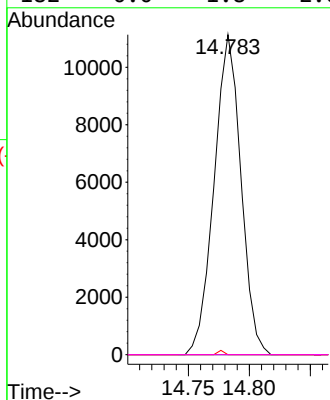
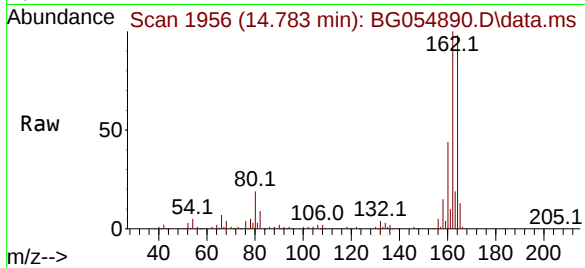




#57
2,4-Dinitrotoluene
Concen: 6.142 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.368 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

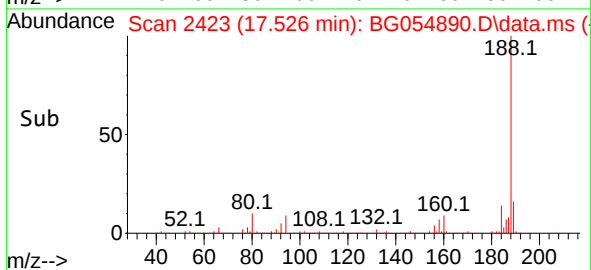
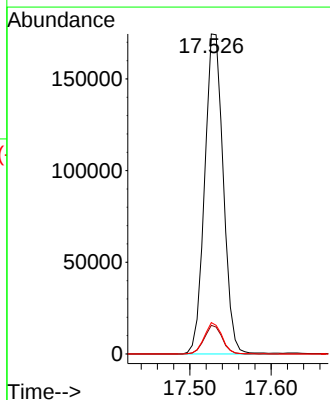
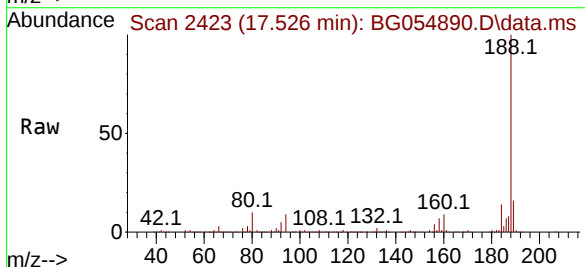
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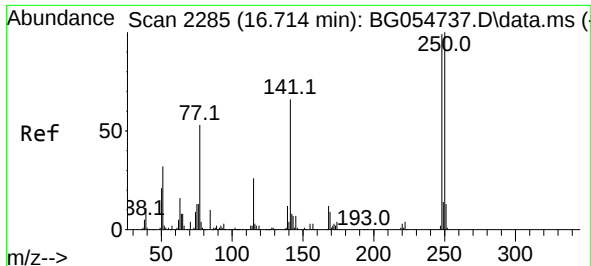
Tgt Ion:165 Resp: 17030
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.526 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:188 Resp: 276747
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.8 7.9 11.9





#67
4-Bromophenyl-phenylether
Concen: 3.050 ng
RT: 16.269 min Scan# 211
Delta R.T. -0.450 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

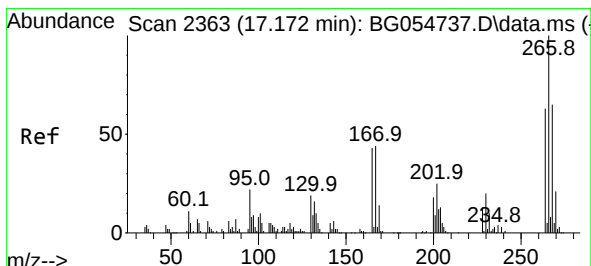
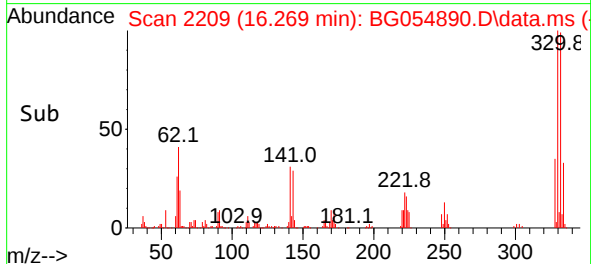
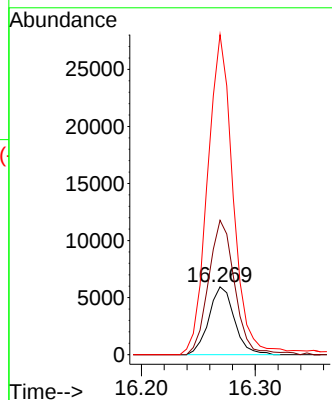
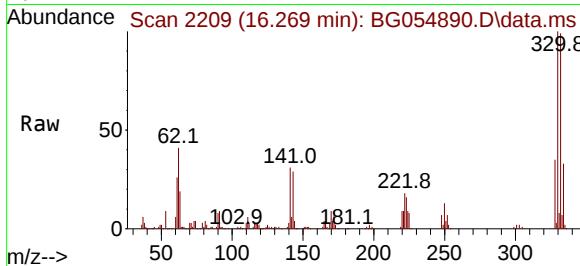
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BNA_G

ClientSampleId :

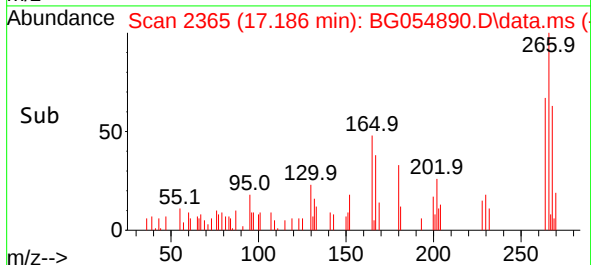
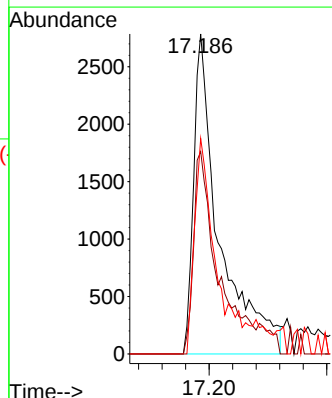
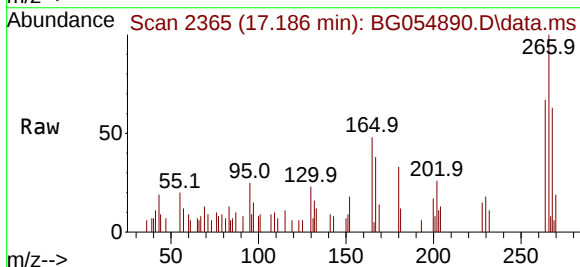
SB-19-COMP

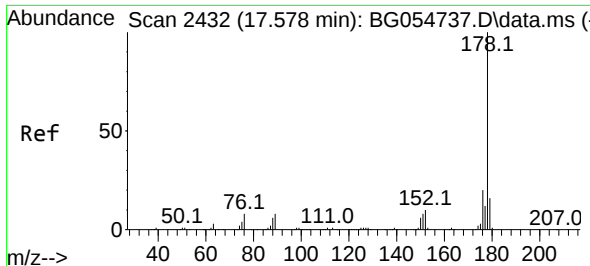
Tgt Ion:248 Resp: 9267
Ion Ratio Lower Upper
248 100
250 198.3 78.8 118.2#
141 472.1 51.9 77.9#



#70
Pentachlorophenol
Concen: 4.555 ng
RT: 17.186 min Scan# 2365
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:266 Resp: 8453
Ion Ratio Lower Upper
266 100
268 63.2 51.2 76.8
264 67.3 49.4 74.0

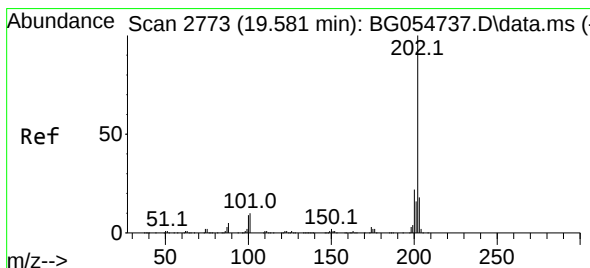
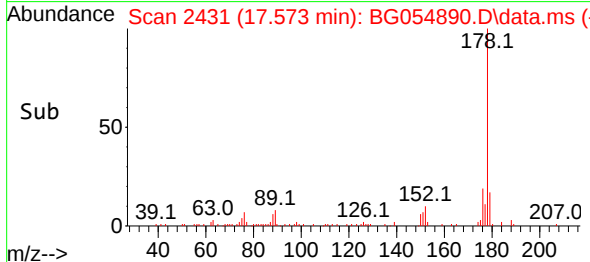
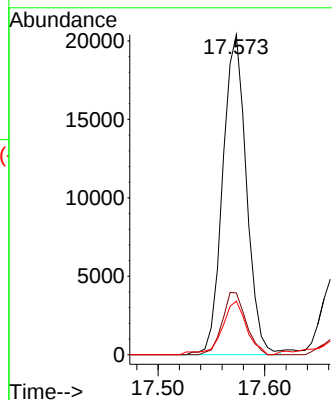
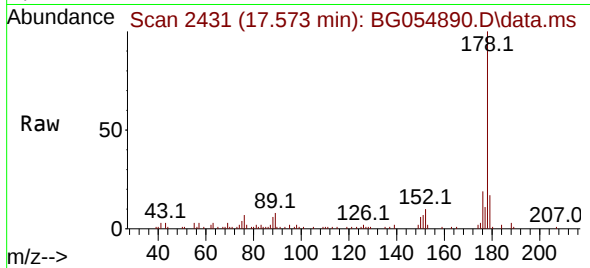




#71
Phenanthrene
Concen: 2.134 ng
RT: 17.573 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

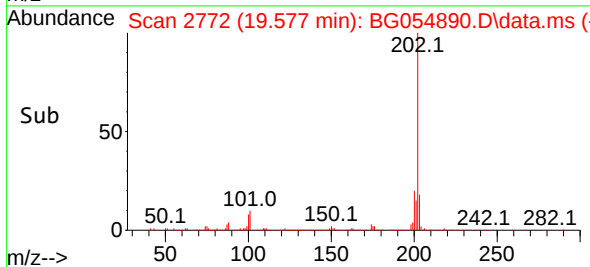
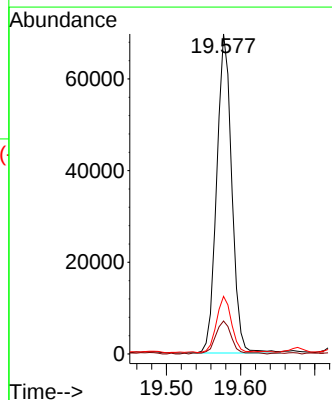
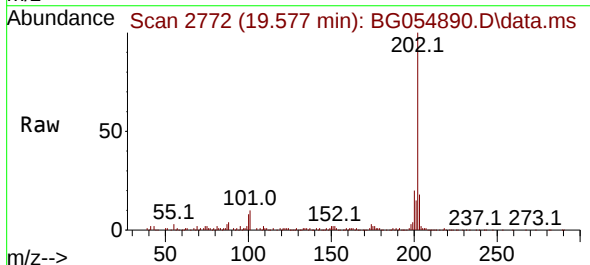
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

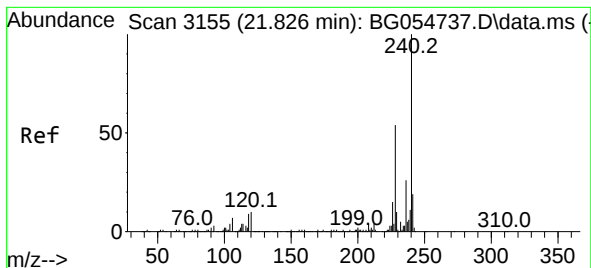
Tgt Ion:178 Resp: 31456
Ion Ratio Lower Upper
178 100
176 19.3 16.6 25.0
179 16.7 12.8 19.2



#75
Fluoranthene
Concen: 5.483 ng
RT: 19.577 min Scan# 2772
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:202 Resp: 98328
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.0 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.827 min Scan# 3155

Delta R.T. -0.009 min

Lab File: BG054890.D

Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

SB-19-COMP

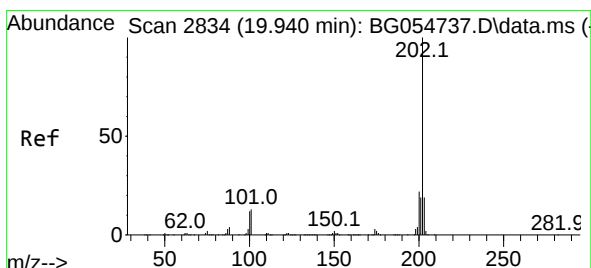
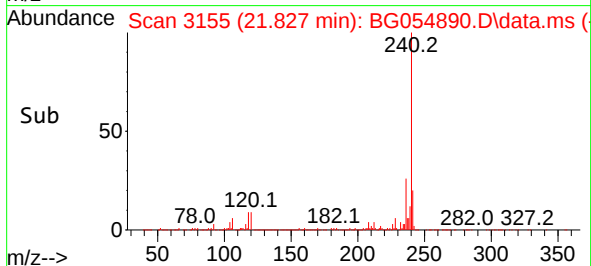
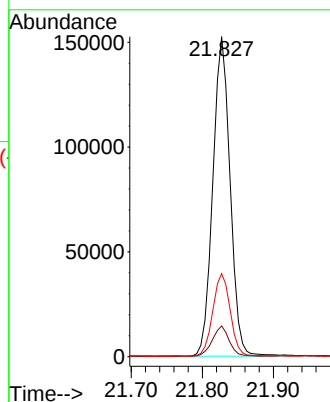
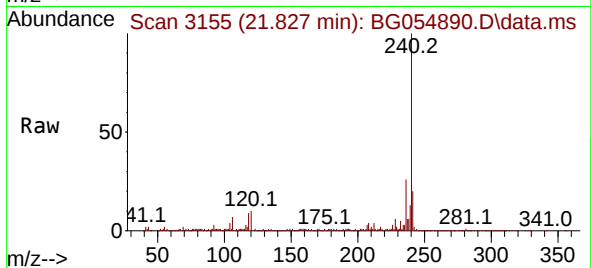
Tgt Ion:240 Resp: 257695

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.4

236 25.9 21.2 31.8



#78

Pyrene

Concen: 5.370 ng

RT: 19.941 min Scan# 2834

Delta R.T. -0.003 min

Lab File: BG054890.D

Acq: 8 Sep 2022 19:18

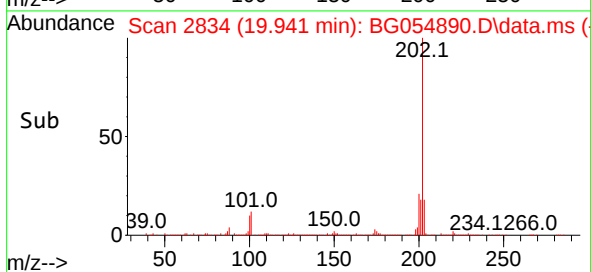
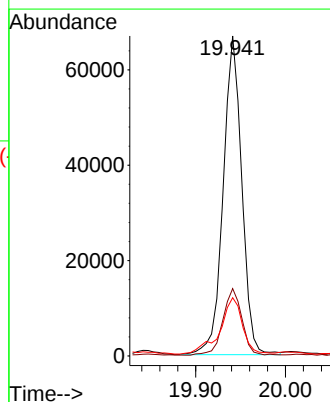
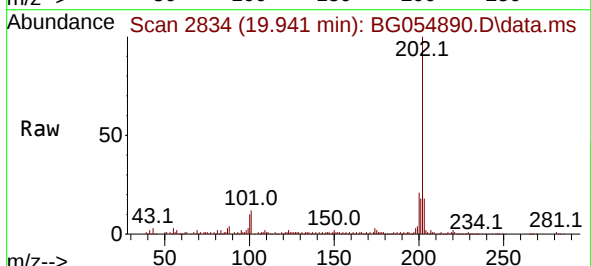
Tgt Ion:202 Resp: 96493

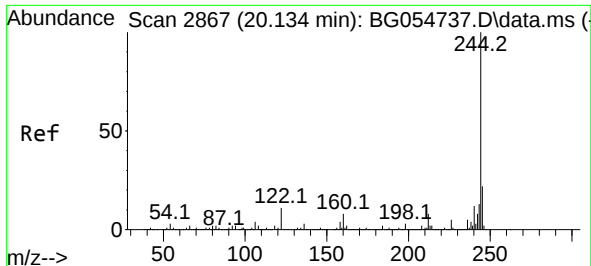
Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

203 18.2 14.6 21.8

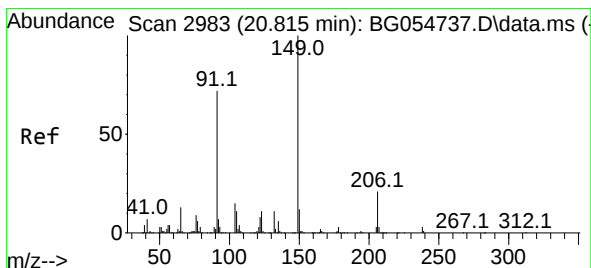
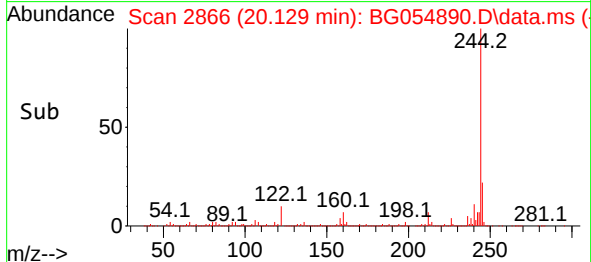
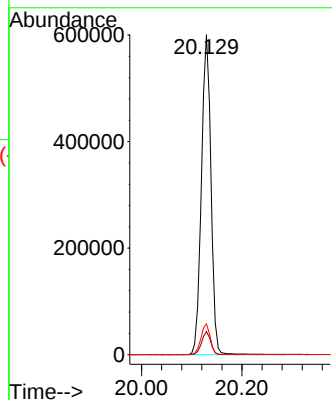
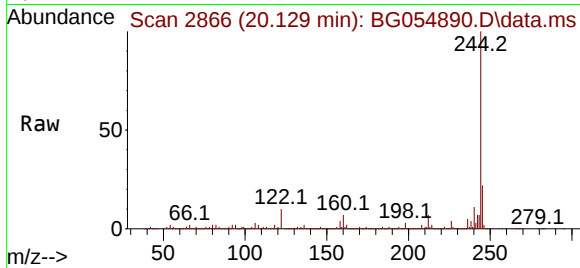




#79
 Terphenyl-d14
 Concen: 60.826 ng
 RT: 20.129 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054890.D
 Acq: 8 Sep 2022 19:18

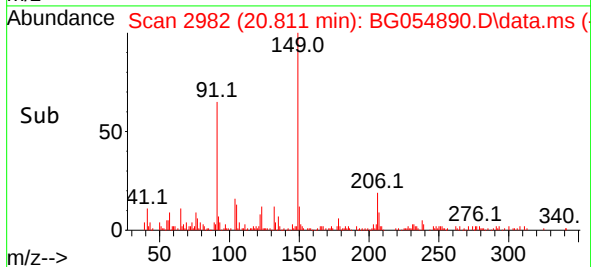
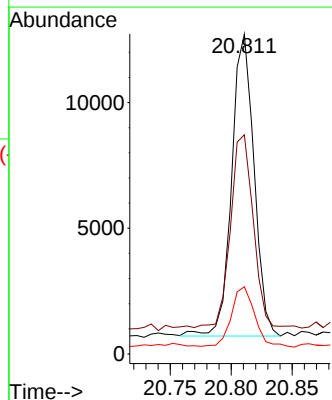
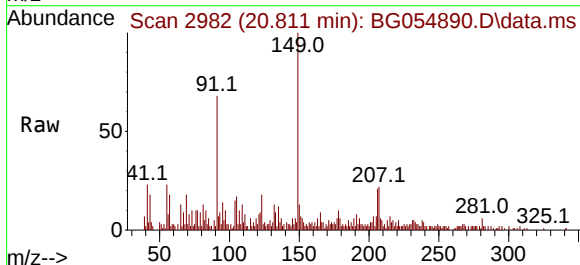
Instrument :
 BNA_G
 ClientSampleId :
 SB-19-COMP

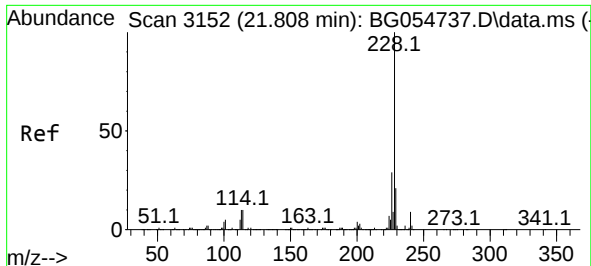
Tgt Ion:244 Resp: 791086
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.6 9.0 13.6



#80
 Butylbenzylphthalate
 Concen: 2.048 ng
 RT: 20.811 min Scan# 2982
 Delta R.T. -0.003 min
 Lab File: BG054890.D
 Acq: 8 Sep 2022 19:18

Tgt Ion:149 Resp: 15351
 Ion Ratio Lower Upper
 149 100
 91 68.5 59.5 89.3
 206 21.0 16.6 25.0

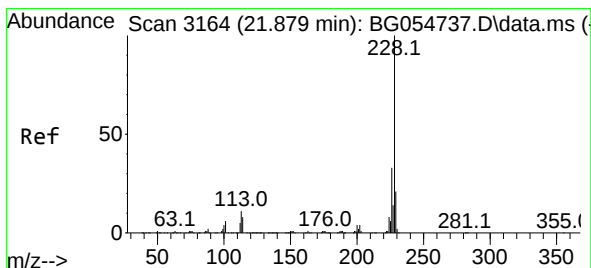
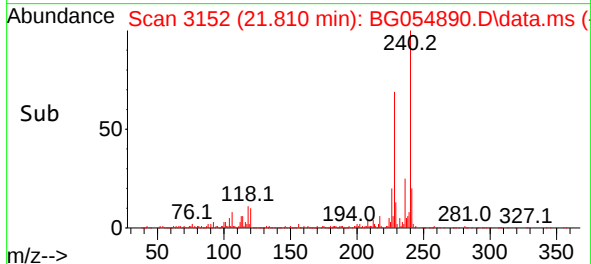
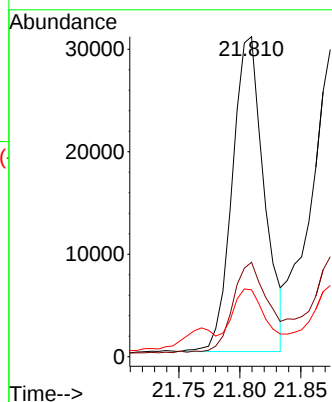
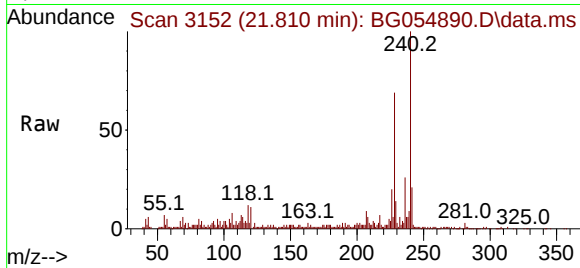




#81
Benzo(a)anthracene
Concen: 3.196 ng
RT: 21.810 min Scan# 3152
Delta R.T. -0.003 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

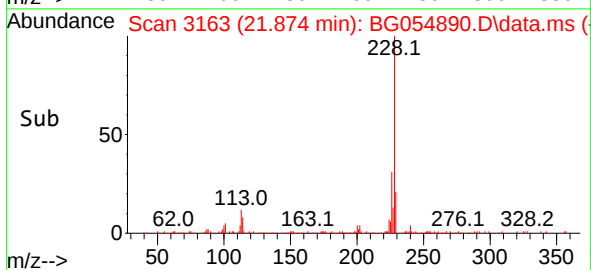
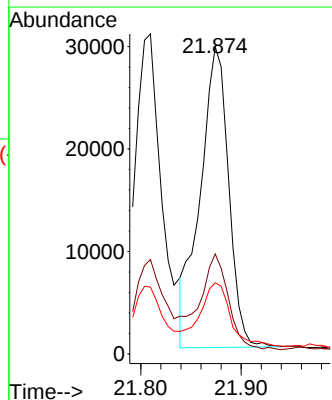
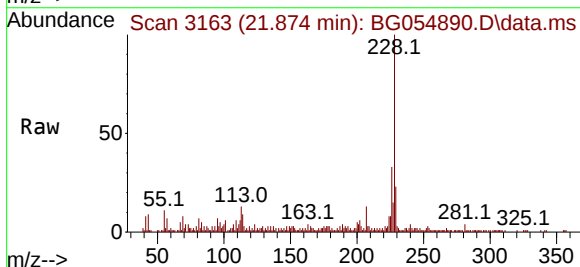
Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

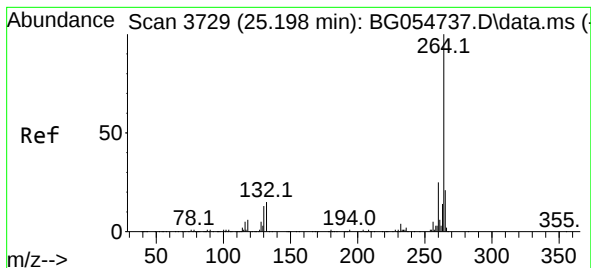
Tgt Ion:228 Resp: 55847
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.2
229 20.9 16.5 24.7



#83
Chrysene
Concen: 3.491 ng
RT: 21.874 min Scan# 3163
Delta R.T. -0.009 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:228 Resp: 58326
Ion Ratio Lower Upper
228 100
226 32.6 25.5 38.3
229 23.2 16.8 25.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.211 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG054890.D

Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

SB-19-COMP

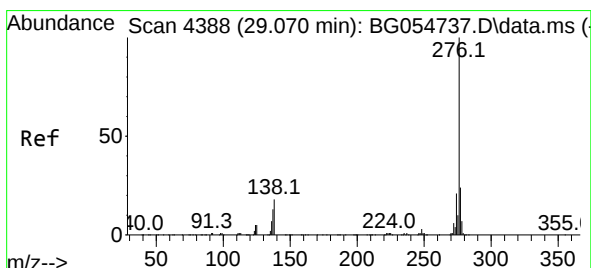
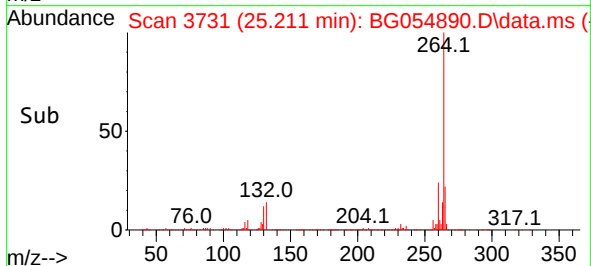
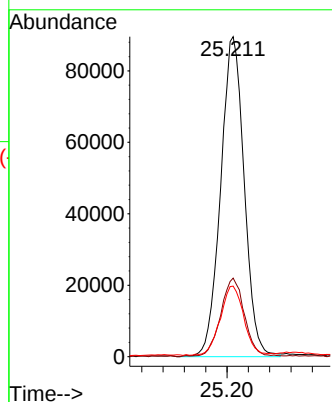
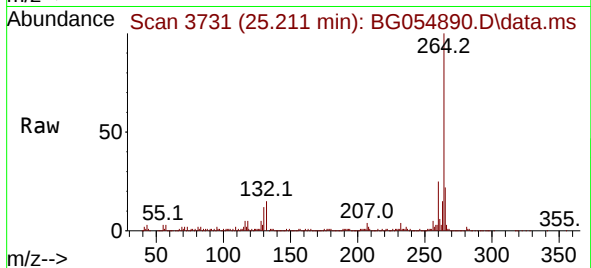
Tgt Ion:264 Resp: 274640

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 22.0 16.9 25.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.693 ng

RT: 29.095 min Scan# 4392

Delta R.T. -0.033 min

Lab File: BG054890.D

Acq: 8 Sep 2022 19:18

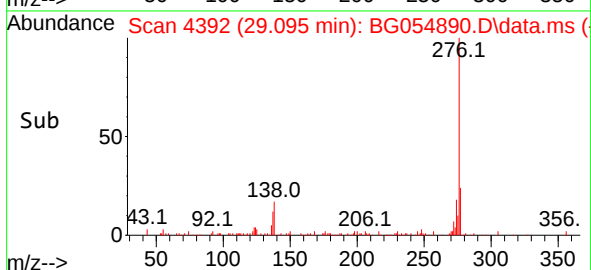
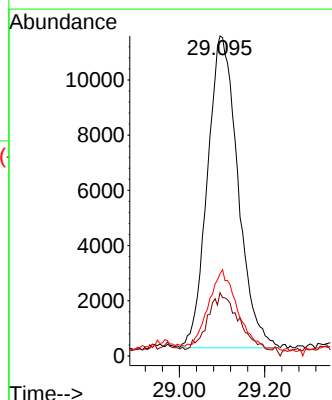
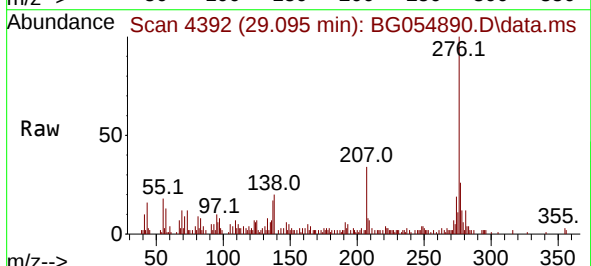
Tgt Ion:276 Resp: 56151

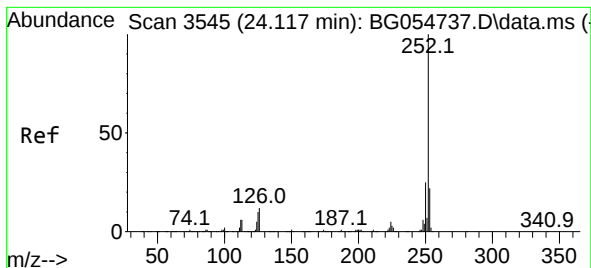
Ion Ratio Lower Upper

276 100

138 19.0 12.0 18.0#

277 23.5 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 5.381 ng

RT: 24.130 min Scan# 3547

Delta R.T. -0.009 min

Lab File: BG054890.D

Acq: 8 Sep 2022 19:18

Instrument :

BNA_G

ClientSampleId :

SB-19-COMP

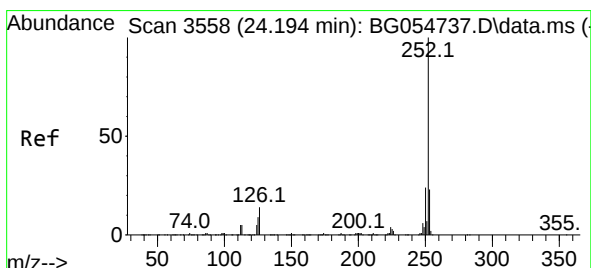
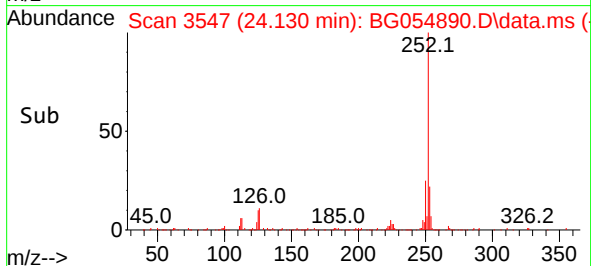
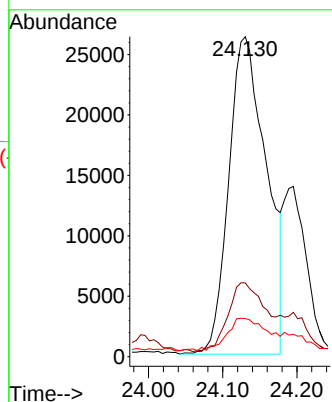
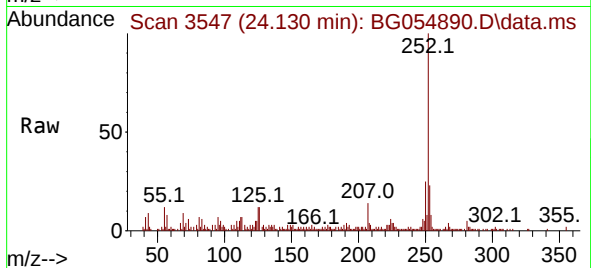
Tgt Ion:252 Resp: 92699

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

125 11.9 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 5.346 ng

RT: 24.130 min Scan# 3547

Delta R.T. -0.080 min

Lab File: BG054890.D

Acq: 8 Sep 2022 19:18

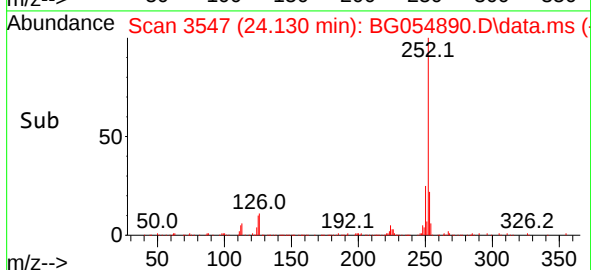
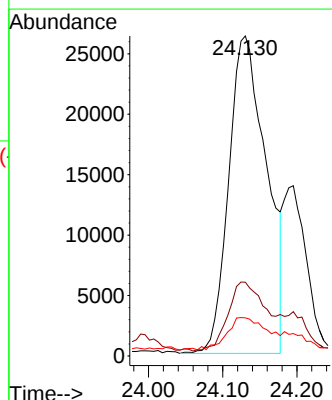
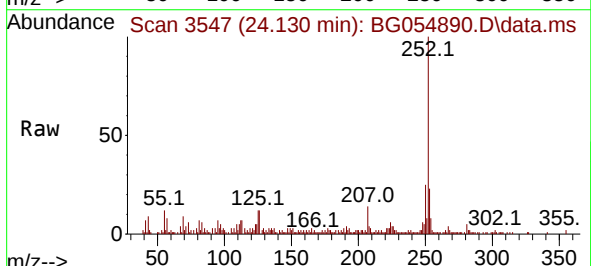
Tgt Ion:252 Resp: 92699

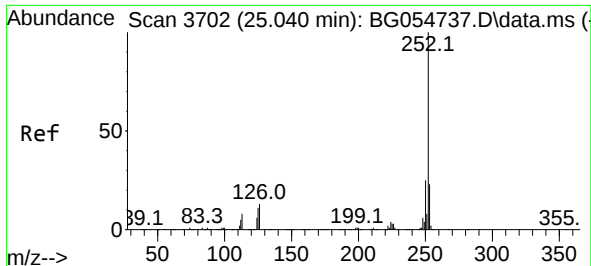
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.9 8.2 12.4

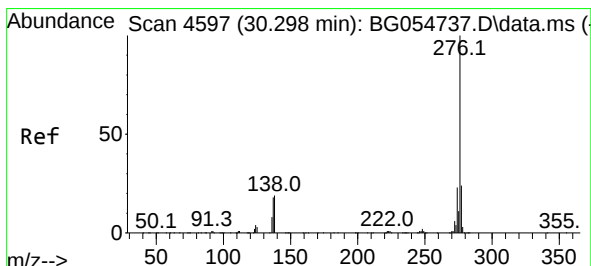
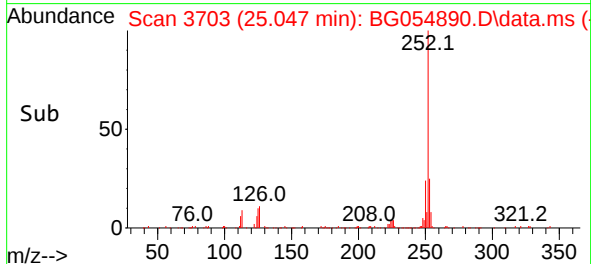
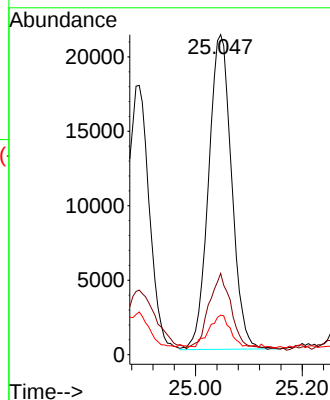
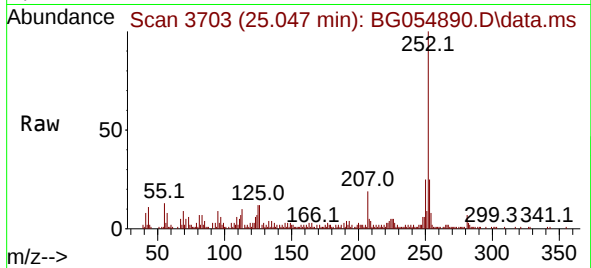




#90
Benzo(a)pyrene
Concen: 4.306 ng
RT: 25.047 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Instrument :
BNA_G
ClientSampleId :
SB-19-COMP

Tgt Ion:252 Resp: 63375
Ion Ratio Lower Upper
252 100
253 25.4 18.3 27.5
125 12.4 8.8 13.2



#92
Benzo(g,h,i)perylene
Concen: 3.840 ng
RT: 30.323 min Scan# 4601
Delta R.T. -0.039 min
Lab File: BG054890.D
Acq: 8 Sep 2022 19:18

Tgt Ion:276 Resp: 65887
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.0
138 21.3 16.6 25.0

