

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
 Data File : BG050497.D
 Acq On : 8 Oct 2021 00:36
 Operator : CG/JU
 Sample : M4131-02 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS-05(NA)

Quant Time: Oct 08 05:47:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

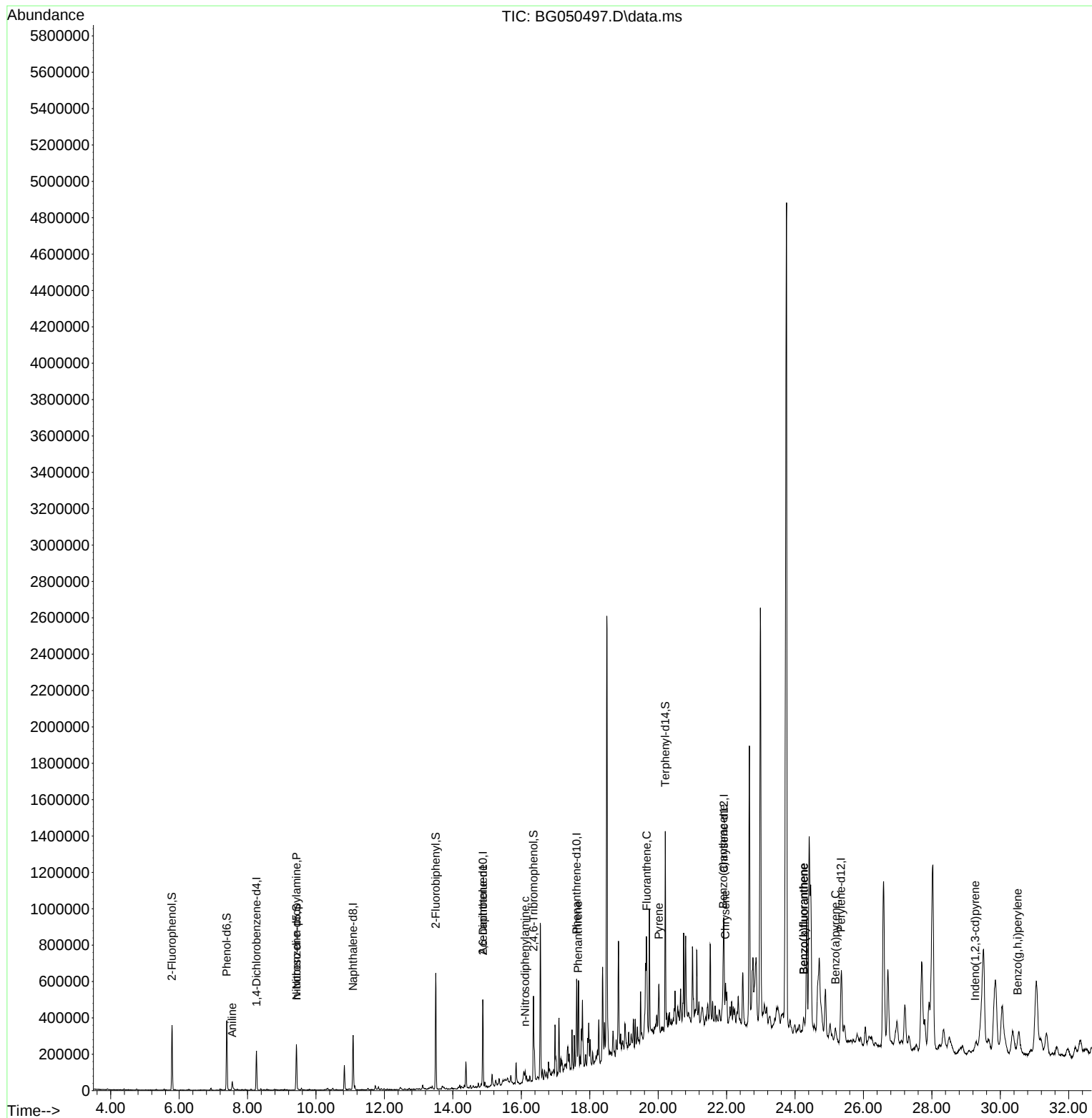
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	56109	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	242282	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	161974	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	306323	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	266388	20.000	ng	# 0.00
86) Perylene-d12	25.345	264	278165	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	149411	39.824	ng	0.00
7) Phenol-d6	7.389	99	218252	40.180	ng	0.00
23) Nitrobenzene-d5	9.428	82	160627	27.444	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	58280	37.723	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	301563	28.021	ng	0.00
79) Terphenyl-d14	20.209	244	392408	28.708	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.554	93	24894	3.945	ng	# 59
9) Benzaldehyde	7.389	77	3274	Below Cal		# 78
19) n-Nitroso-di-n-propyla...	9.428	70	22686	5.730	ng	# 74
51) 2,6-Dinitrotoluene	14.874	165	22088	9.007	ng	# 13
66) n-Nitrosodiphenylamine	16.114	169	20682	2.376	ng	92
71) Phenanthrene	17.659	178	54352	3.367	ng	# 78
75) Fluoranthene	19.669	202	137446	6.927	ng	96
78) Pyrene	20.021	202	129483	6.851	ng	96
81) Benzo(a)anthracene	21.902	228	96961	5.501	ng	97
83) Chrysene	21.966	228	78609	4.741	ng	94
87) Indeno(1,2,3-cd)pyrene	29.264	276	50451	2.604	ng	# 96
88) Benzo(b)fluoranthene	24.258	252	115666	6.790	ng	# 83
89) Benzo(k)fluoranthene	24.258	252	115666	6.902	ng	# 87
90) Benzo(a)pyrene	25.186	252	70571	4.872	ng	# 89
92) Benzo(g,h,i)perylene	30.503	276	49400	3.148	ng	# 90

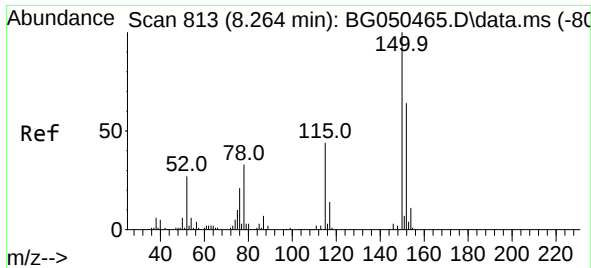
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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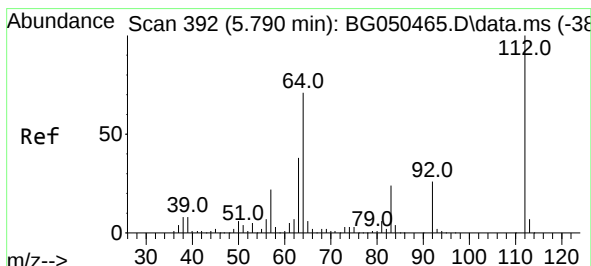
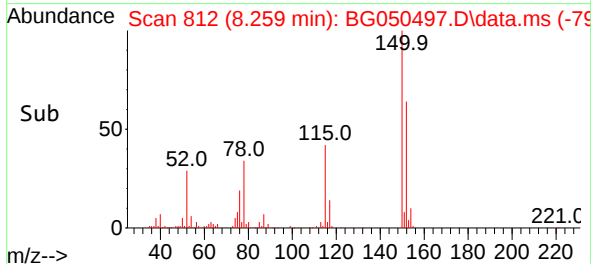
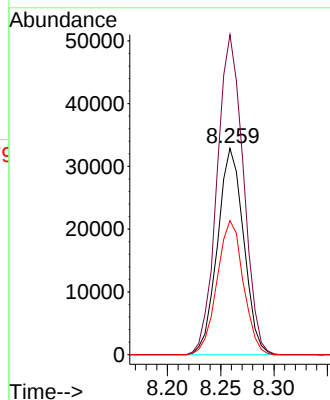
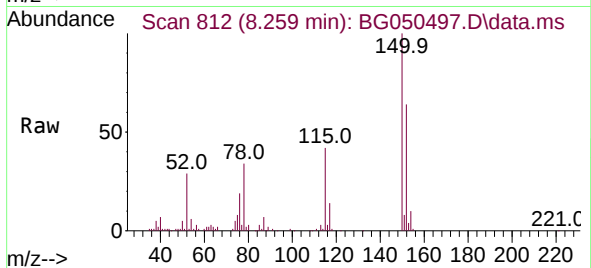




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

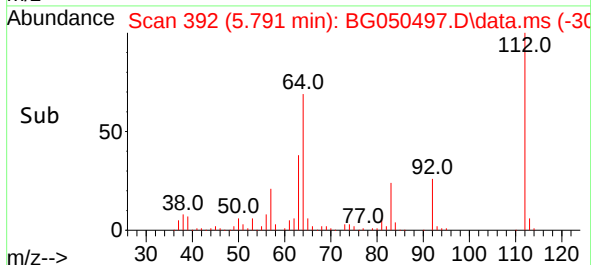
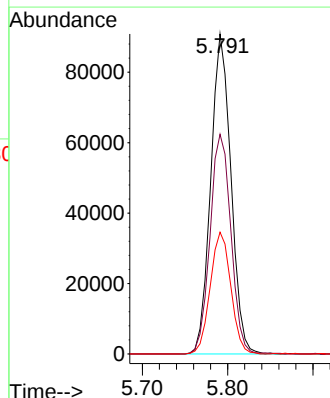
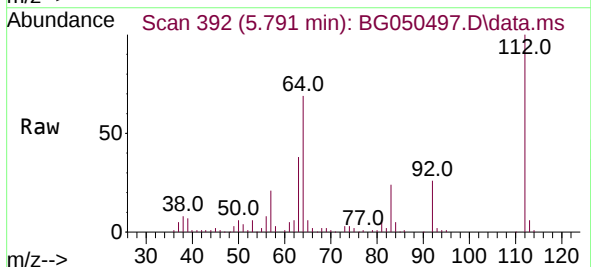
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

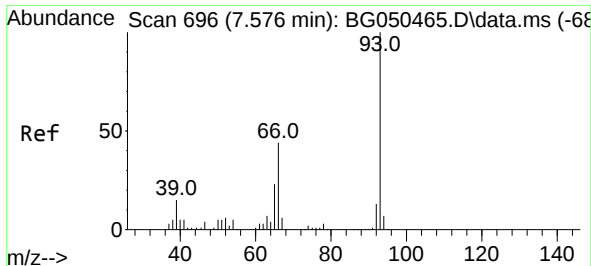
Tgt Ion:152 Resp: 56109
Ion Ratio Lower Upper
152 100
150 155.1 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 39.824 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:112 Resp: 149411
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 38.0 35.3 52.9

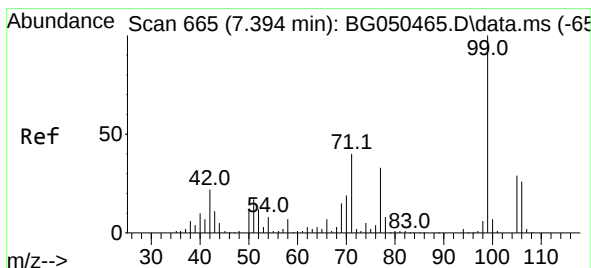
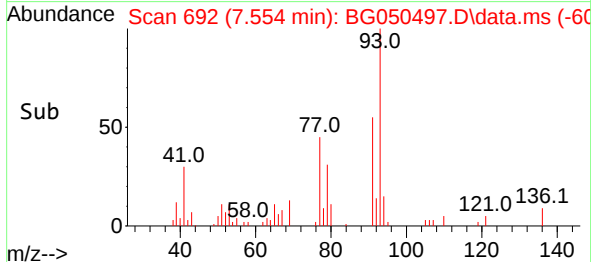
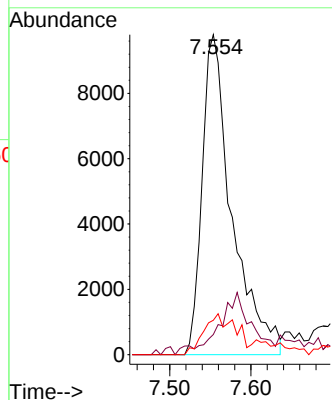
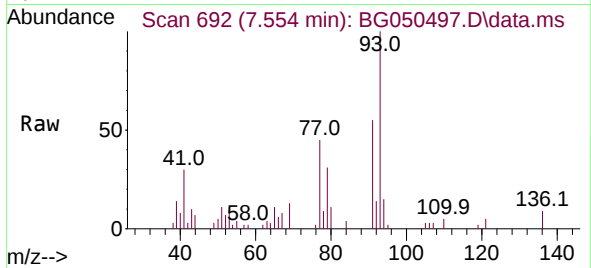




#6
Aniline
Concen: 3.945 ng
RT: 7.554 min Scan# 692
Delta R.T. -0.022 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

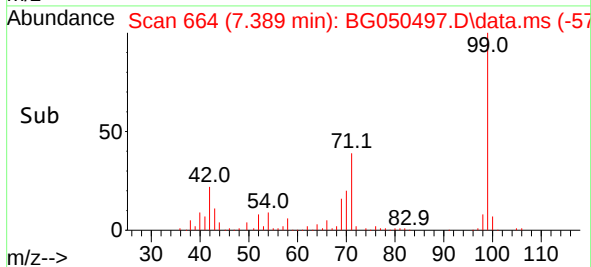
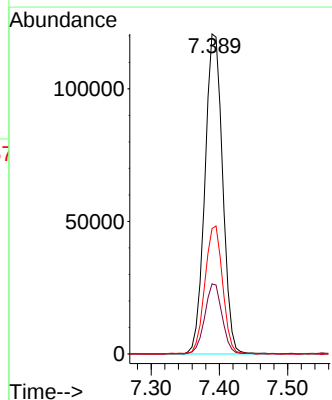
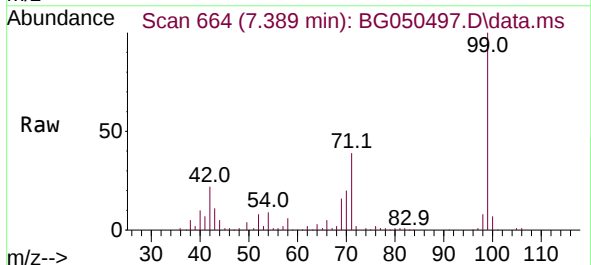
Instrument :
BNA_G
ClientSampled :
SS-05(NA)

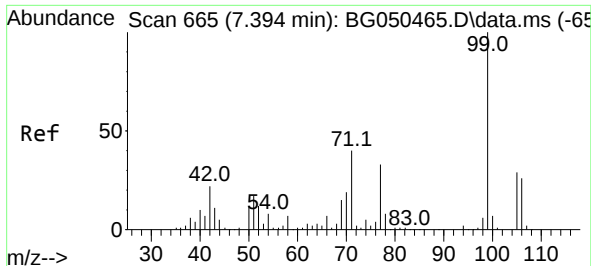
Tgt Ion: 93 Resp: 24894
Ion Ratio Lower Upper
93 100
66 6.3 30.6 45.8#
65 10.8 15.0 22.4#



#7
Phenol-d6
Concen: 40.180 ng
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion: 99 Resp: 218252
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 39.2 41.5 62.3#

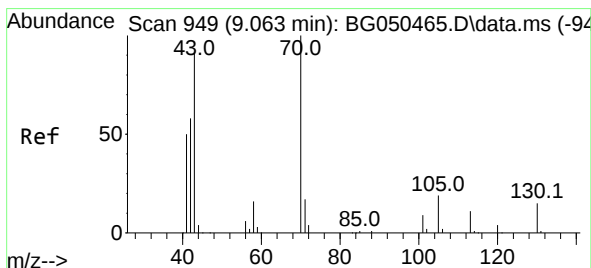
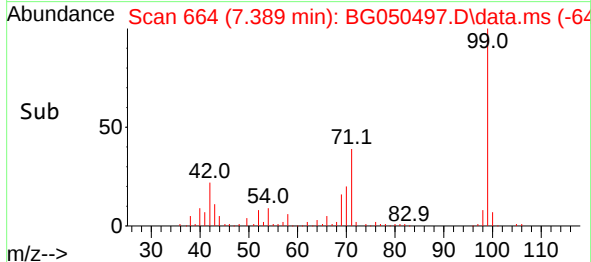
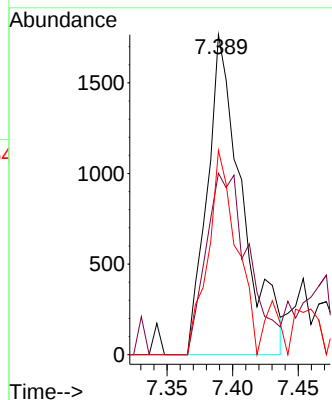
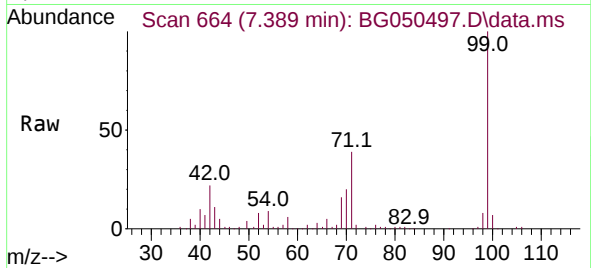




#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

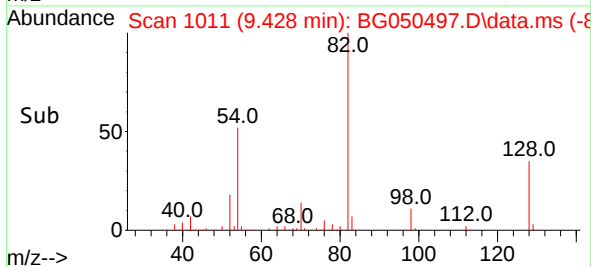
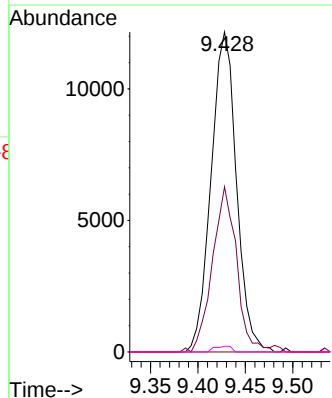
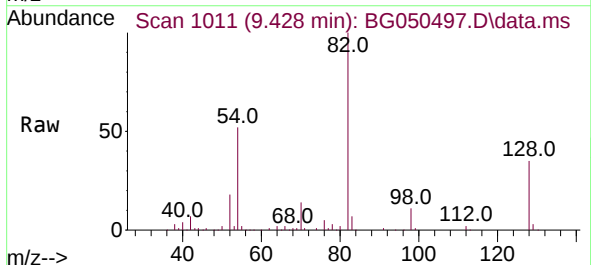
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

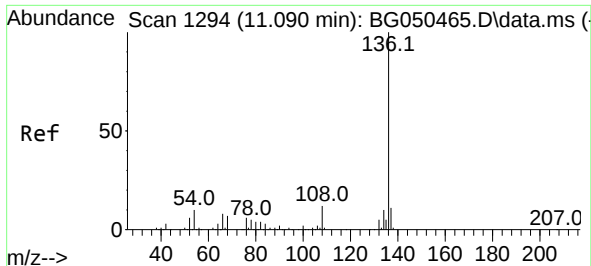
Tgt Ion: 77 Resp: 3274
Ion Ratio Lower Upper
77 100
105 56.7 68.8 108.8#
106 63.9 47.9 87.9



#19
n-Nitroso-di-n-propylamine
Concen: 5.730 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion: 70 Resp: 22686
Ion Ratio Lower Upper
70 100
42 51.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

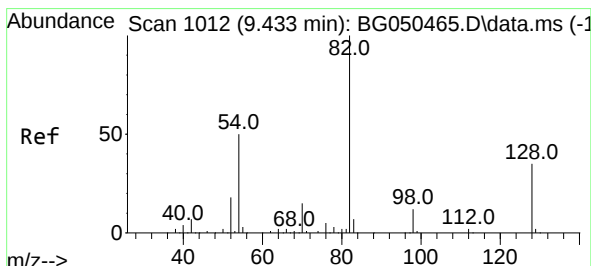
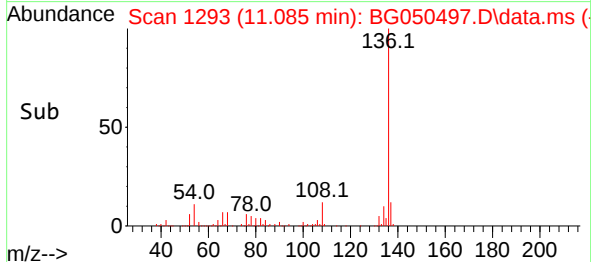
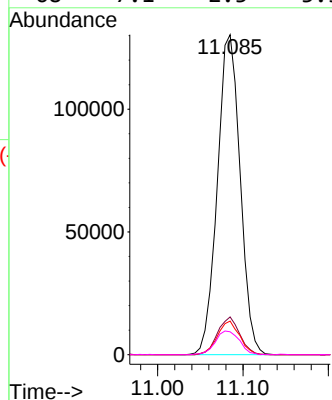
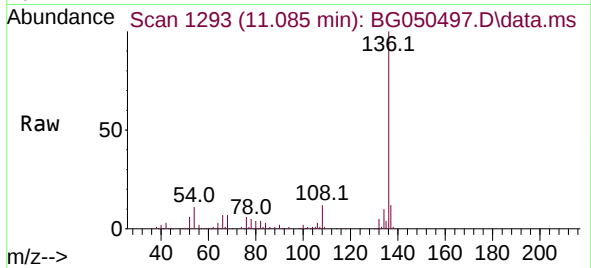




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

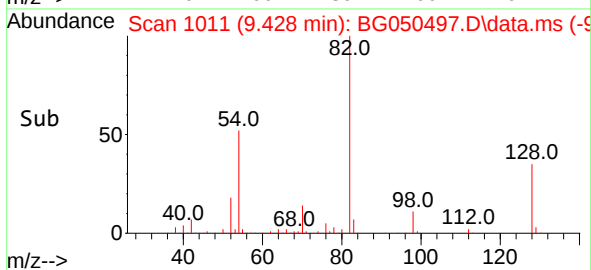
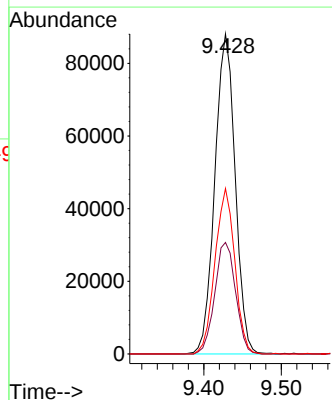
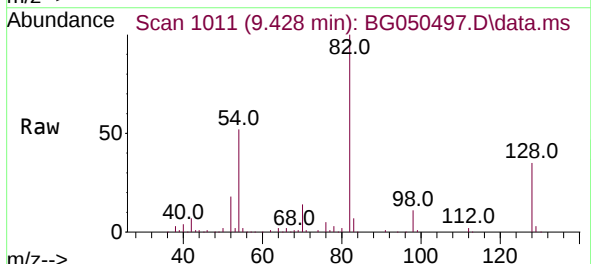
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

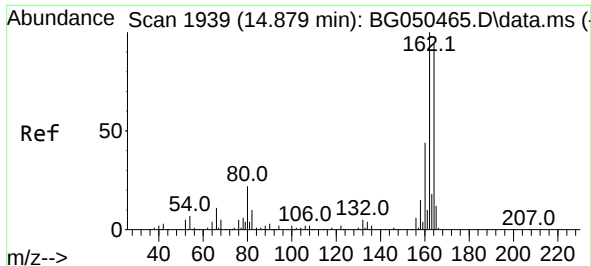
Tgt Ion:	136	Resp:	242282
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.2	12.2
54	10.5	5.5	8.3#
68	7.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 27.444 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:	82	Resp:	160627
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.8	44.6
54	51.7	45.8	68.8

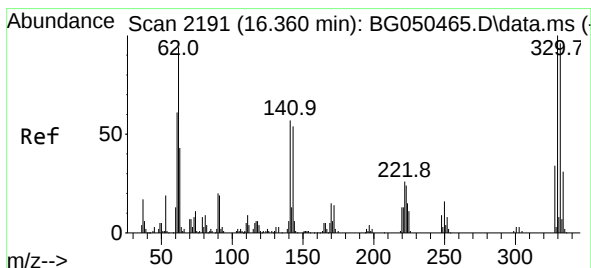
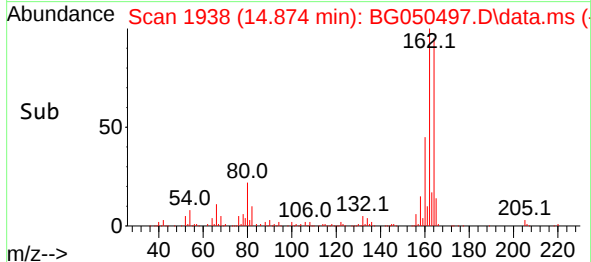
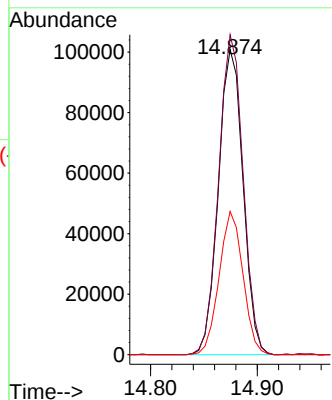
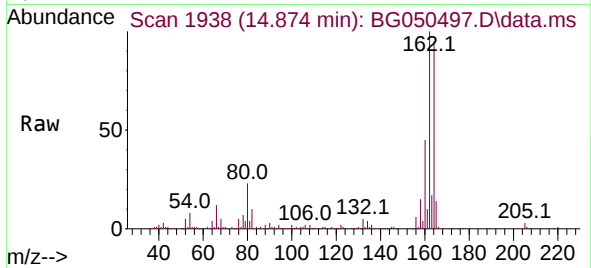




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

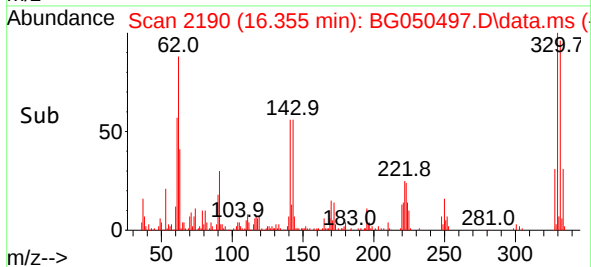
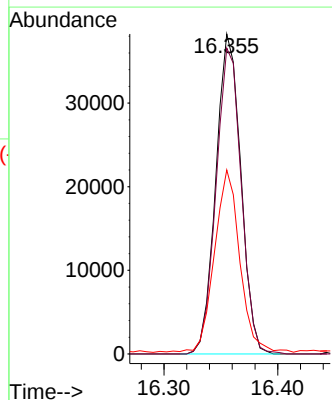
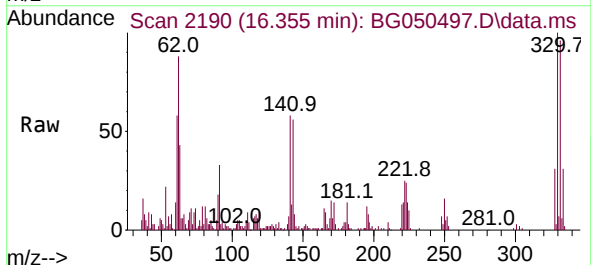
Instrument :
BNA_G
ClientSampleId :
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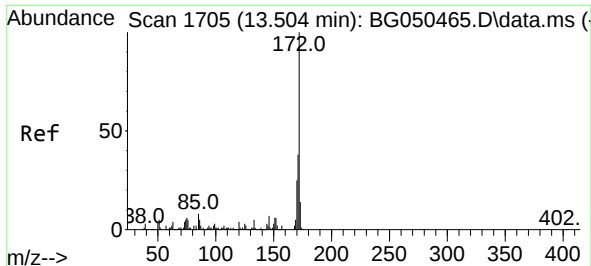
Tgt Ion:164 Resp: 161974
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 46.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 37.723 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:330 Resp: 58280
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 58.1 35.6 53.4#

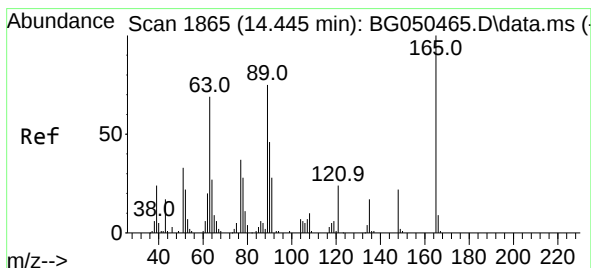
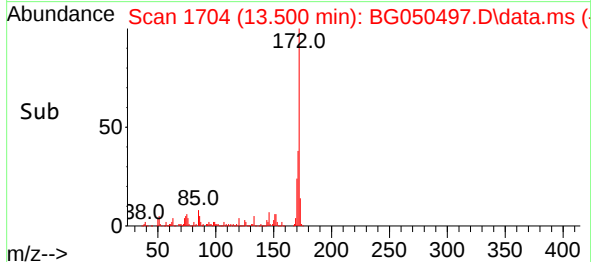
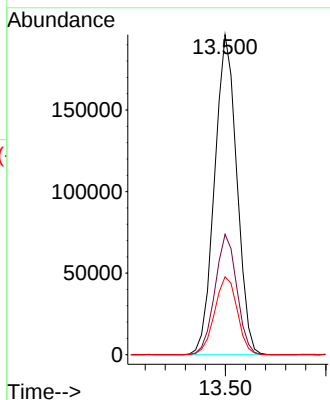
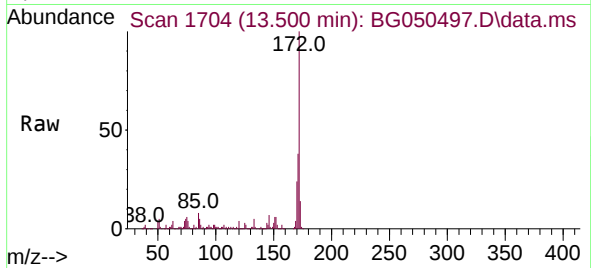




#45
2-Fluorobiphenyl
Concen: 28.021 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

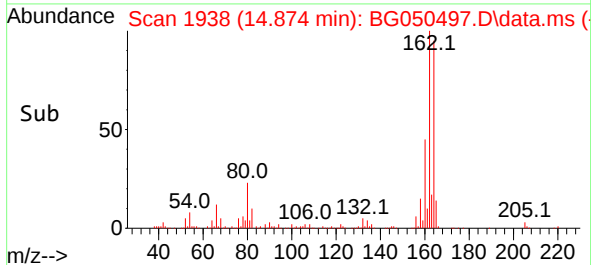
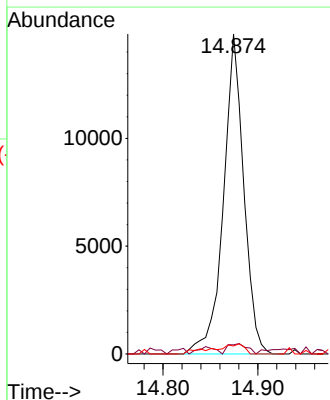
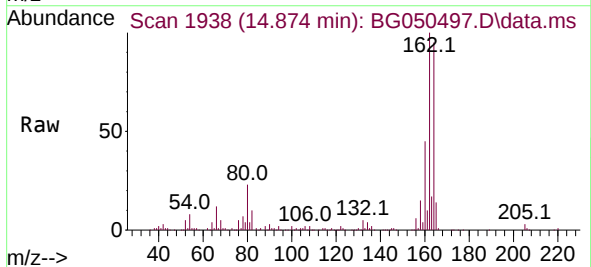
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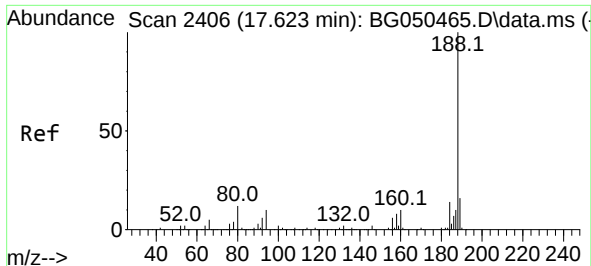
Tgt Ion:172 Resp: 301563
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 24.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.007 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:165 Resp: 22088
Ion Ratio Lower Upper
165 100
63 2.8 63.3 94.9#
89 2.5 63.4 95.0#

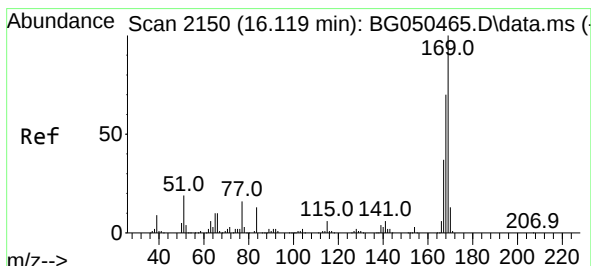
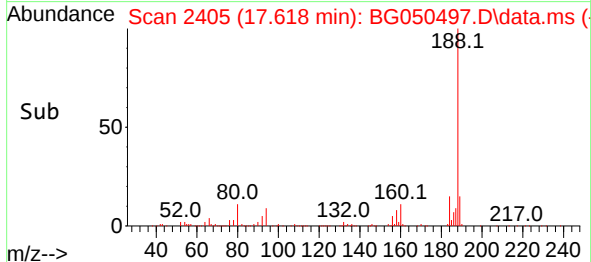
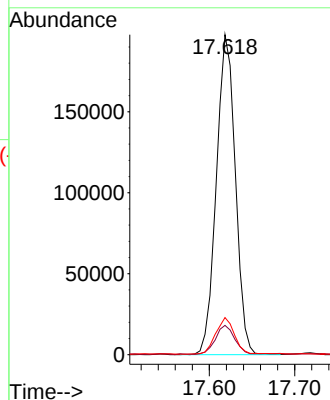
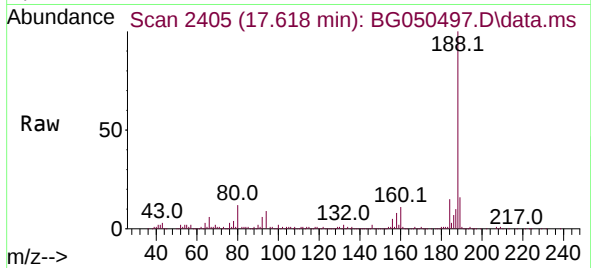




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

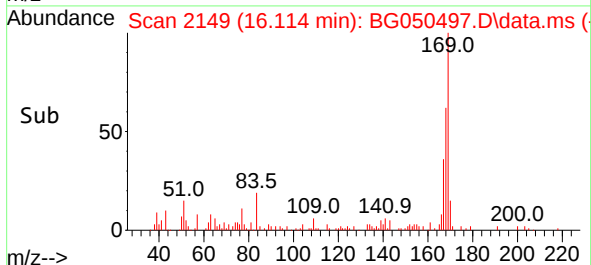
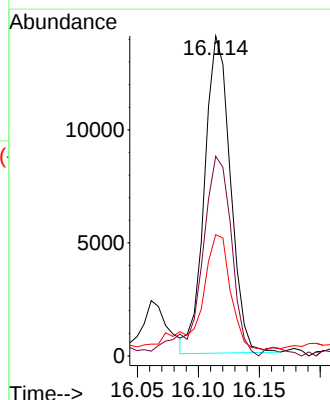
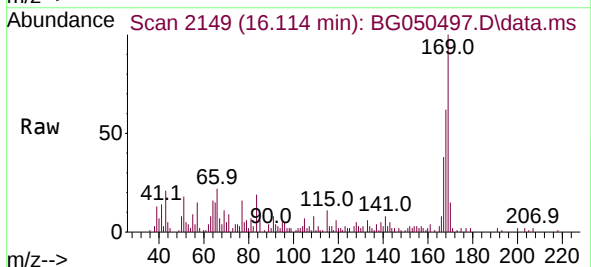
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

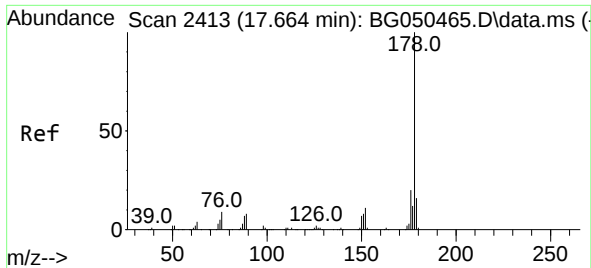
Tgt Ion:188 Resp: 306323
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 11.6 3.7 5.5#



#66
n-Nitrosodiphenylamine
Concen: 2.376 ng
RT: 16.114 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:169 Resp: 20682
Ion Ratio Lower Upper
169 100
168 62.4 56.3 84.5
167 37.9 28.4 42.6

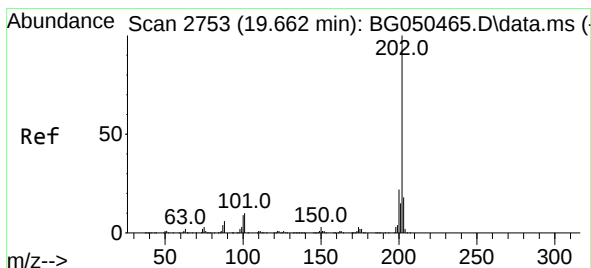
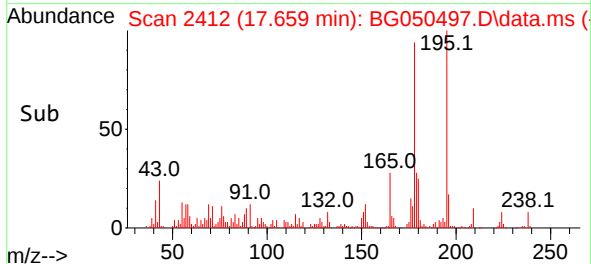
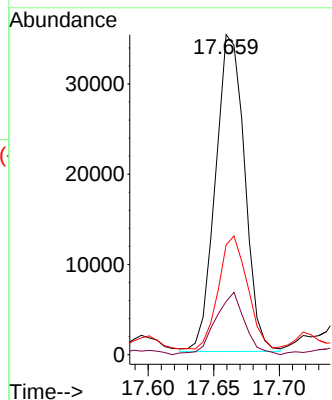
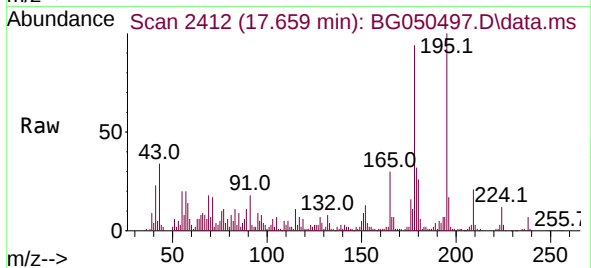




#71
Phenanthrene
Concen: 3.367 ng
RT: 17.659 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

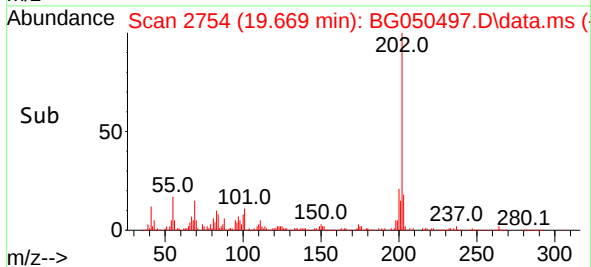
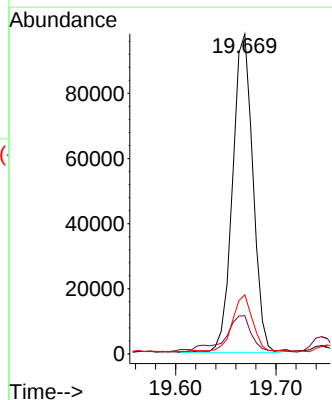
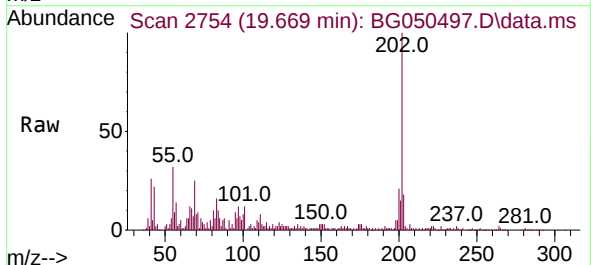
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

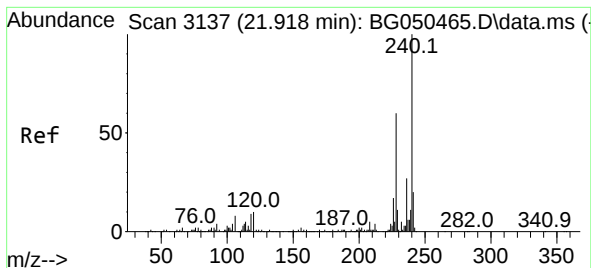
Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.6	16.0	24.0
179	34.3	14.2	21.4#



#75
Fluoranthene
Concen: 6.927 ng
RT: 19.669 min Scan# 2754
Delta R.T. 0.007 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	24.7
203	18.5	0.0	38.5

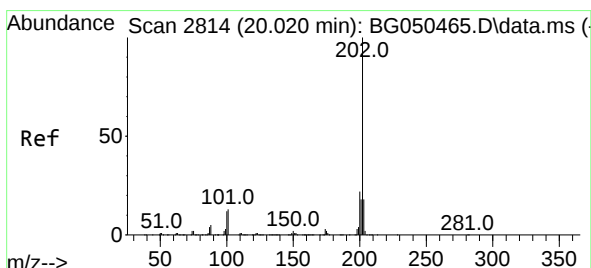
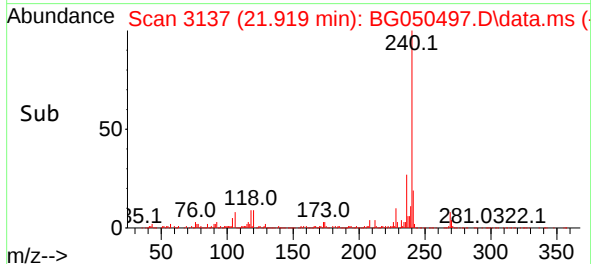
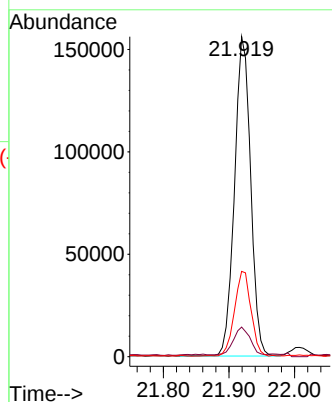
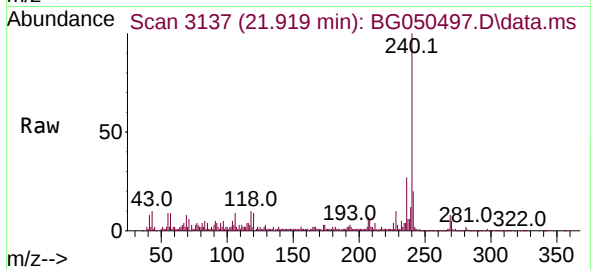




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

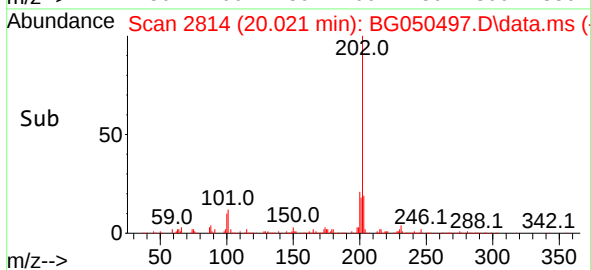
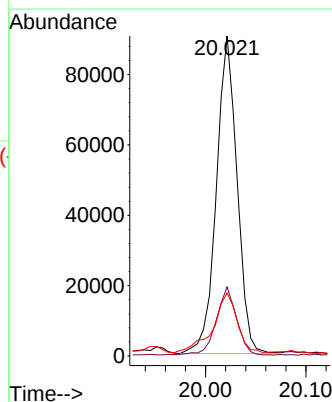
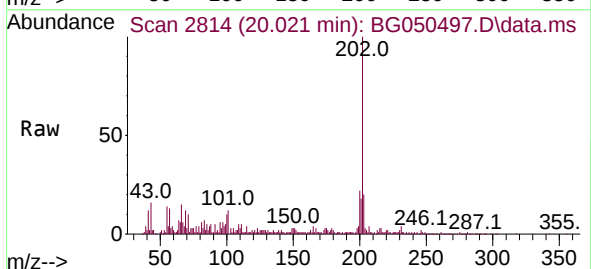
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

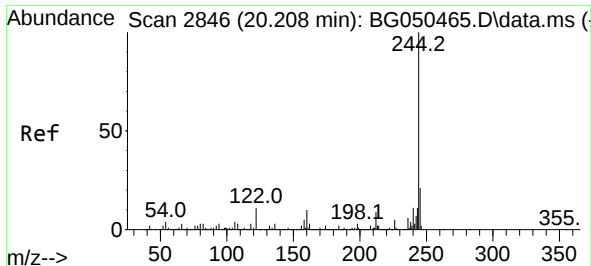
Tgt Ion:240 Resp: 266388
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.7 21.8 32.6



#78
Pyrene
Concen: 6.851 ng
RT: 20.021 min Scan# 2814
Delta R.T. 0.001 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:202 Resp: 129483
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 19.7 14.6 21.8

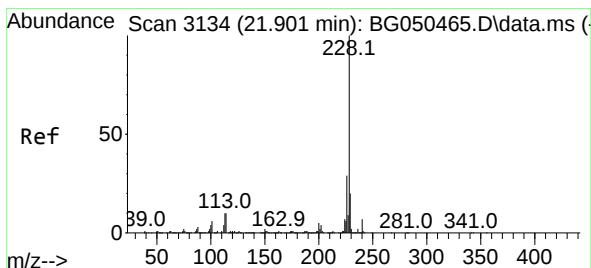
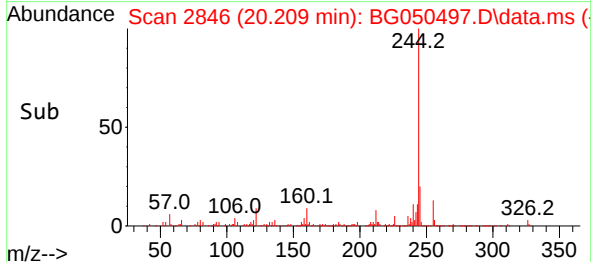
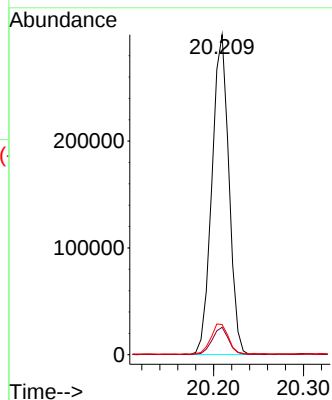
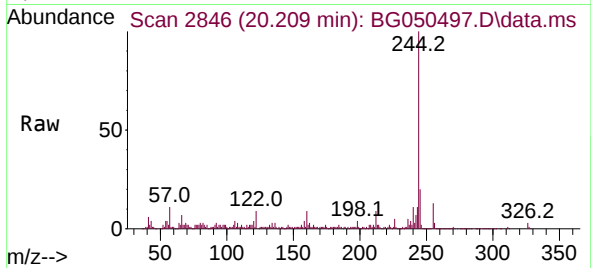




#79
 Terphenyl-d14
 Concen: 28.708 ng
 RT: 20.209 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050497.D
 Acq: 8 Oct 2021 00:36

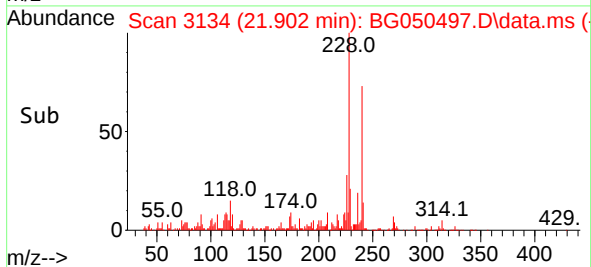
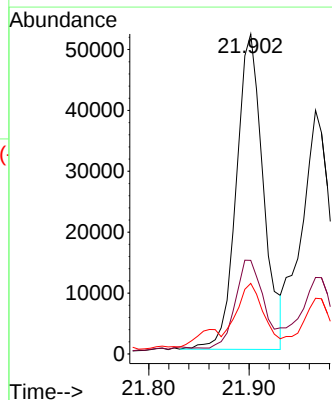
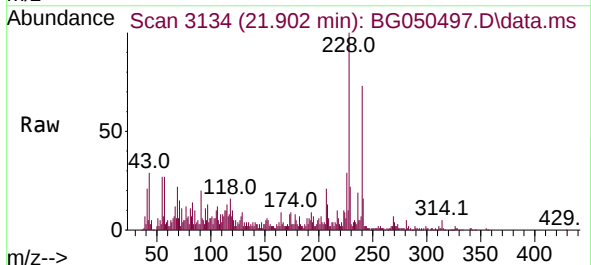
Instrument :
 BNA_G
 ClientSampleId :
 SS-05(NA)

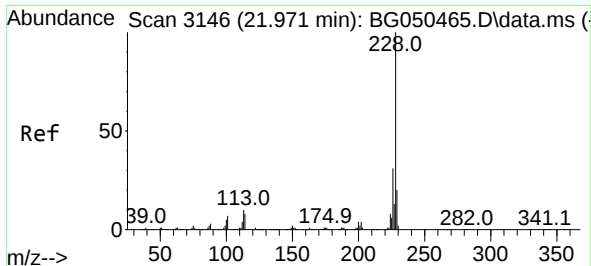
Tgt Ion:244 Resp: 392408
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 9.4 5.0 7.6#



#81
 Benzo(a)anthracene
 Concen: 5.501 ng
 RT: 21.902 min Scan# 3134
 Delta R.T. 0.001 min
 Lab File: BG050497.D
 Acq: 8 Oct 2021 00:36

Tgt Ion:228 Resp: 96961
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.7 34.1
 229 22.0 16.0 24.0

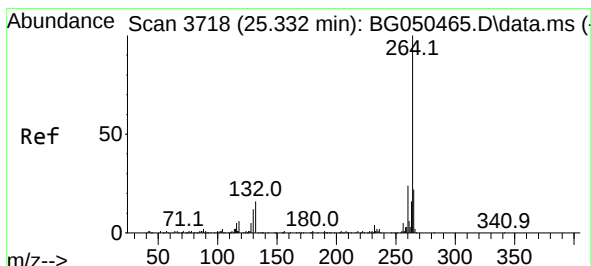
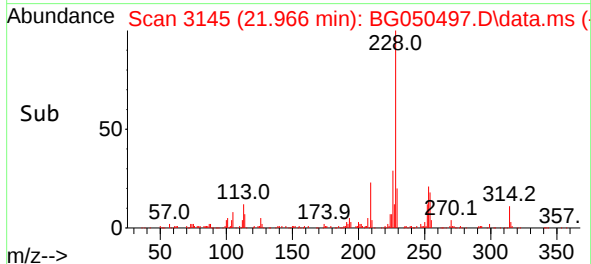
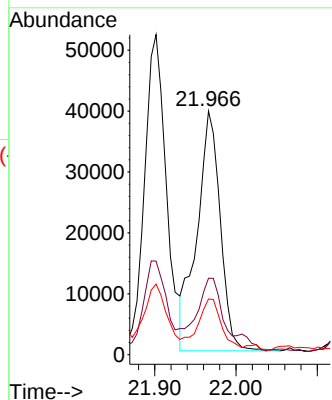
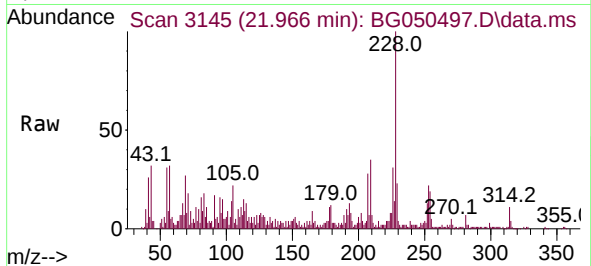




#83
Chrysene
Concen: 4.741 ng
RT: 21.966 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

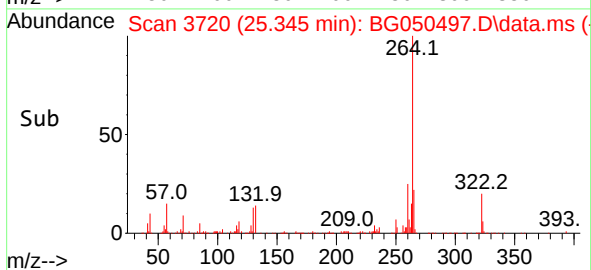
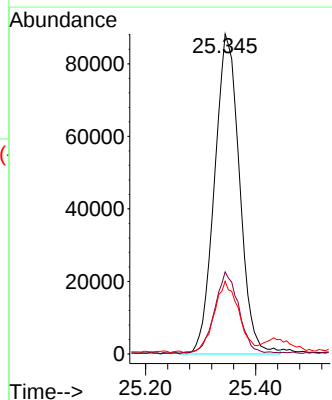
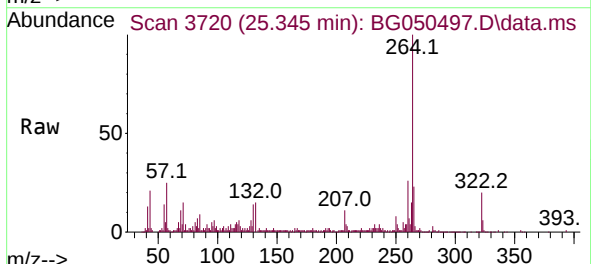
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

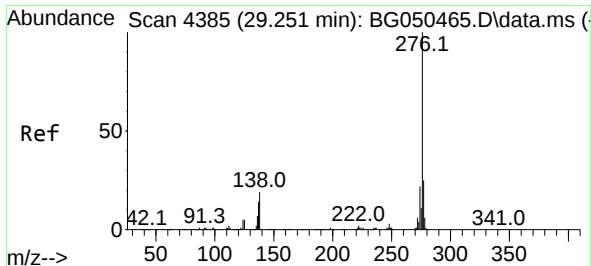
Tgt Ion:228 Resp: 78609
Ion Ratio Lower Upper
228 100
226 31.4 23.1 34.7
229 22.9 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.345 min Scan# 3720
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:264 Resp: 278165
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.2
265 22.7 16.9 25.3

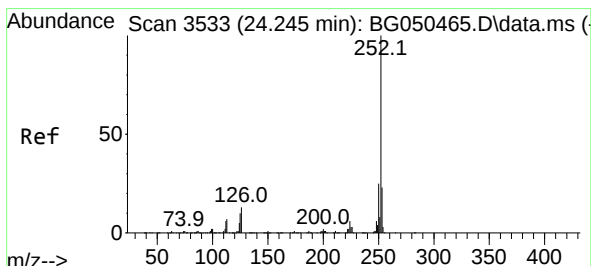
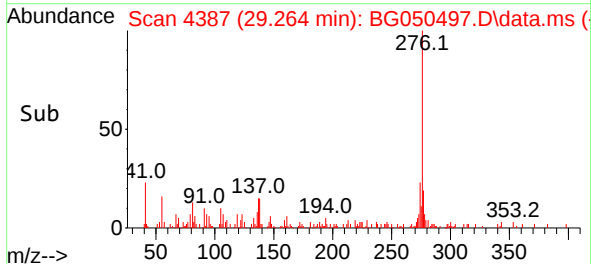
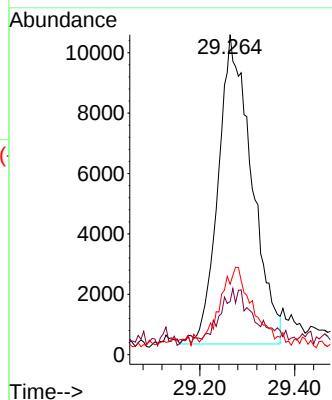
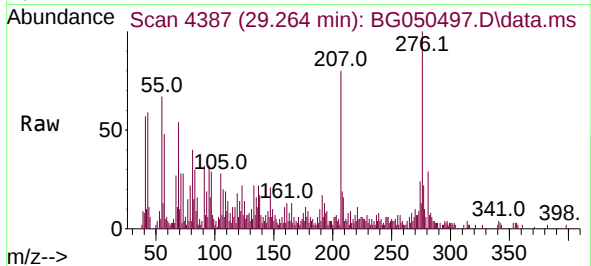




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.604 ng
RT: 29.264 min Scan# 4387
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

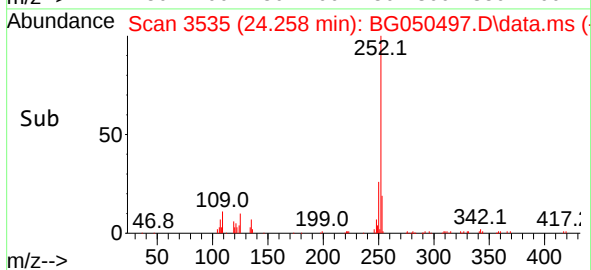
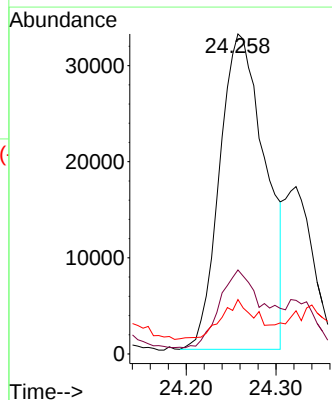
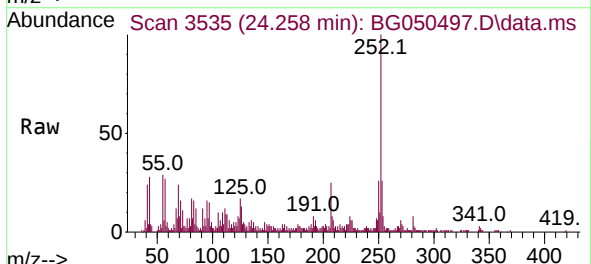
Instrument :
BNA_G
ClientSampleId :
SS-05(NA)

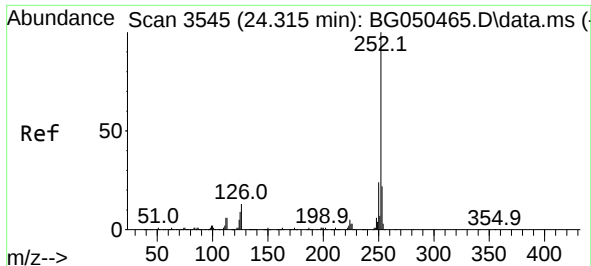
Tgt Ion:276 Resp: 50451
Ion Ratio Lower Upper
276 100
138 8.5 5.1 7.7#
277 23.3 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 6.790 ng
RT: 24.258 min Scan# 3535
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Tgt Ion:252 Resp: 115666
Ion Ratio Lower Upper
252 100
253 26.2 16.2 24.4#
125 17.0 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 6.902 ng

RT: 24.258 min Scan# 3535

Delta R.T. -0.058 min

Lab File: BG050497.D

Acq: 8 Oct 2021 00:36

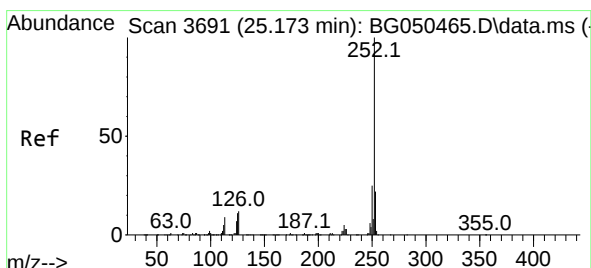
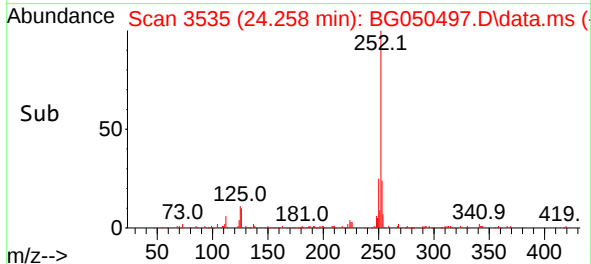
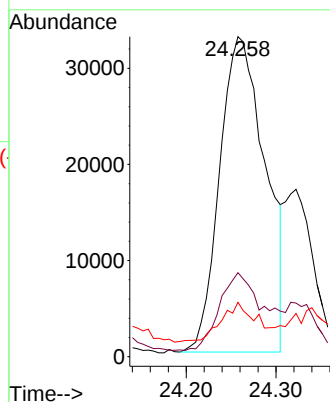
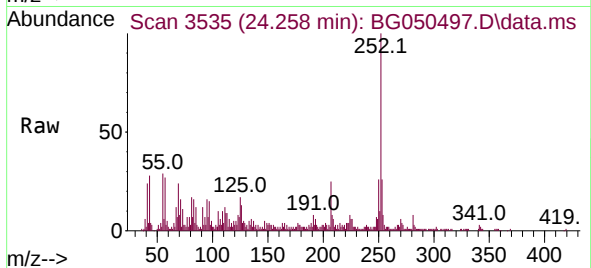
Instrument :

BNA_G

ClientSampleId :

SS-05(NA)

Tgt Ion:252	Resp: 115666
Ion Ratio	Lower Upper
252	100
253	26.2 18.0 27.0
125	17.0 3.1 4.7#



#90

Benzo(a)pyrene

Concen: 4.872 ng

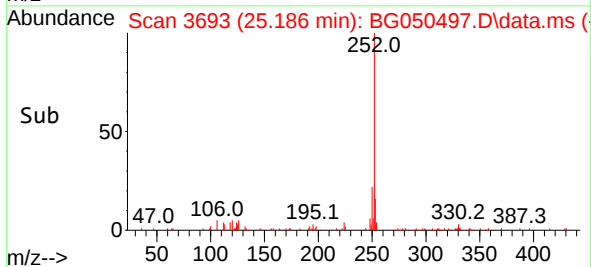
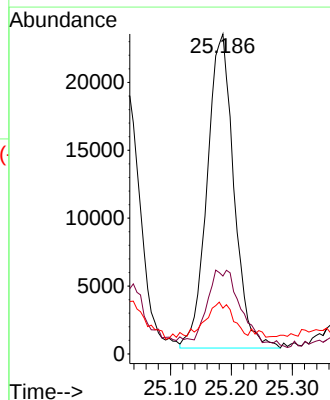
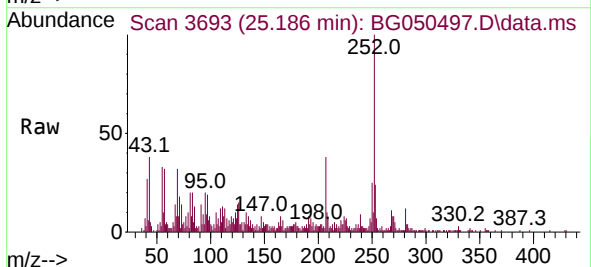
RT: 25.186 min Scan# 3693

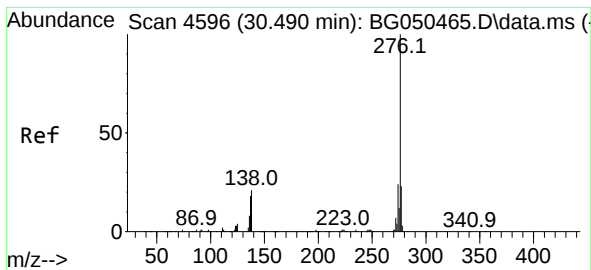
Delta R.T. 0.013 min

Lab File: BG050497.D

Acq: 8 Oct 2021 00:36

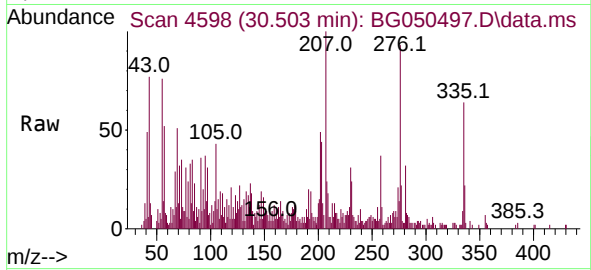
Tgt Ion:252	Resp: 70571
Ion Ratio	Lower Upper
252	100
253	24.3 16.6 25.0
125	14.3 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 3.148 ng
RT: 30.503 min Scan# 4598
Delta R.T. 0.013 min
Lab File: BG050497.D
Acq: 8 Oct 2021 00:36

Instrument :
BNA_G
ClientSampleId :
SS-05(NA)



Tgt Ion:	276	Resp:	49400
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.4	27.6
138	19.2	7.0	10.6#

