

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048860.D
 Acq On : 23 Apr 2021 12:51
 Operator : CG/JU
 Sample : M2107-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-33-10.5-11.0

Quant Time: Apr 23 13:30:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

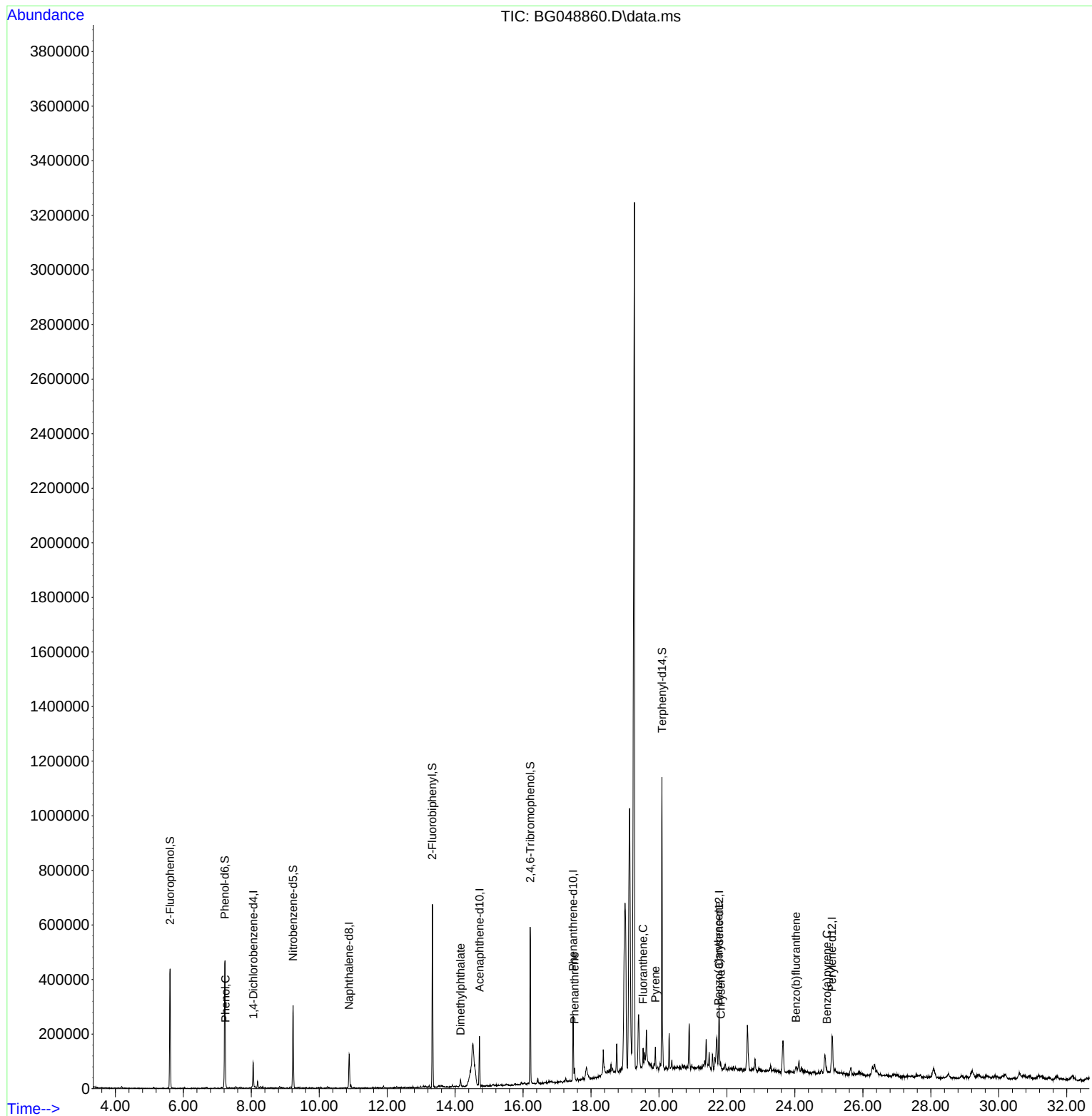
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	23634	20.00	ng	0.00
21) Naphthalene-d8	10.880	136	101883	20.00	ng	-0.01
39) Acenaphthene-d10	14.716	164	59247	20.00	ng	0.00
64) Phenanthrene-d10	17.472	188	141213	20.00	ng	0.00
76) Chrysene-d12	21.773	240	125488	20.00	ng	0.00
86) Perylene-d12	25.092	264	131990	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	171701	121.51	ng	0.00
7) Phenol-d6	7.219	99	228246	114.19	ng	0.00
23) Nitrobenzene-d5	9.229	82	170365	74.86	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	93518	117.72	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	330010	80.44	ng	-0.01
79) Terphenyl-d14	20.087	244	445138	61.05	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.243	94	4504	2.29	ng	# 55
50) Dimethylphthalate	14.158	163	13202	2.97	ng	# 94
71) Phenanthrene	17.513	178	26462	3.61	ng	96
75) Fluoranthene	19.534	202	38805	4.19	ng	94
78) Pyrene	19.893	202	35958	4.14	ng	95
81) Benzo(a)anthracene	21.749	228	20905	2.44	ng	95
83) Chrysene	21.820	228	18287	2.24	ng	94
88) Benzo(b)fluoranthene	24.035	252	24744	2.76	ng	# 88
90) Benzo(a)pyrene	24.940	252	18882	2.29	ng	# 96

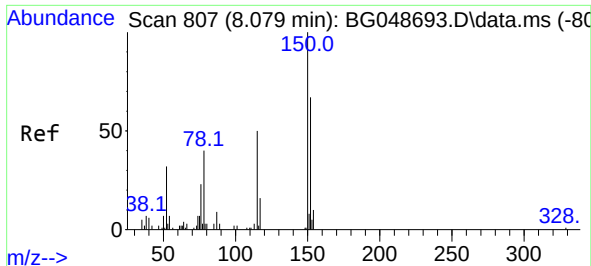
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-33-10.5-11.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration

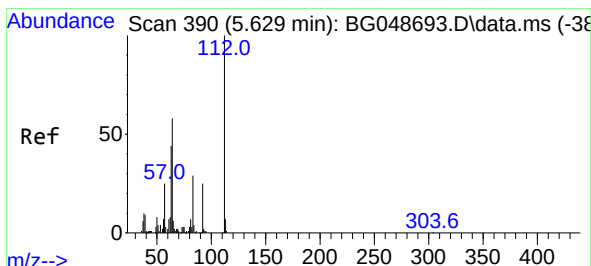
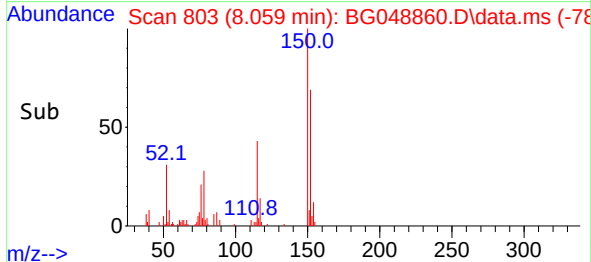
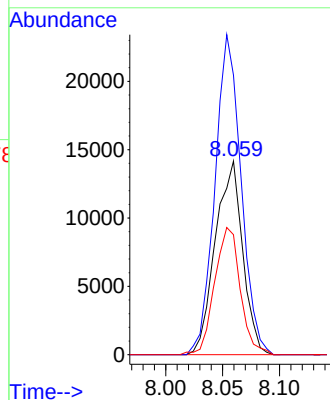
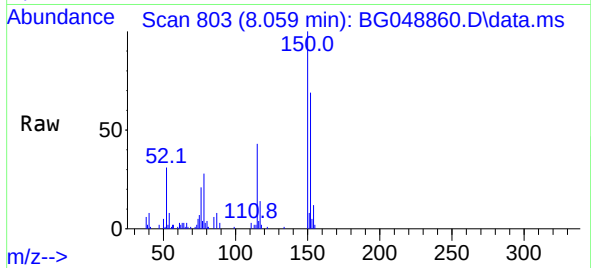




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

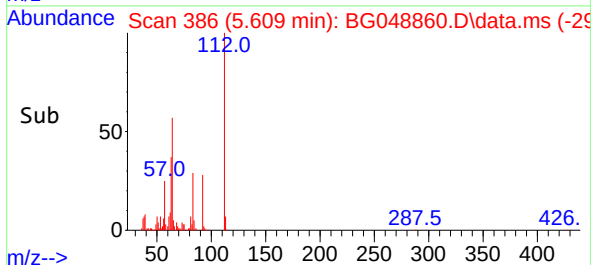
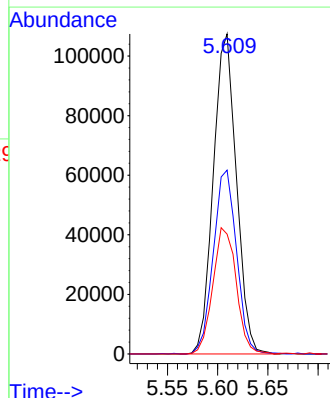
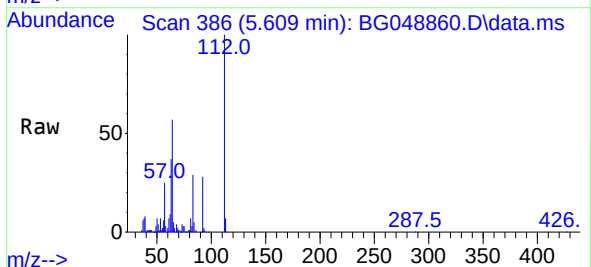
Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

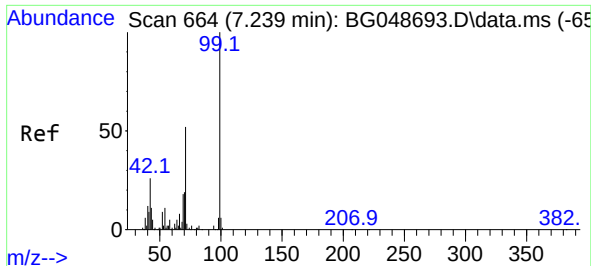
Tgt Ion:152 Resp: 23634
Ion Ratio Lower Upper
152 100
150 144.4 119.4 179.0
115 62.0 60.2 90.4



#5
2-Fluorophenol
Concen: 121.51 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt Ion:112 Resp: 171701
Ion Ratio Lower Upper
112 100
64 57.5 46.7 70.1
63 37.4 35.3 52.9

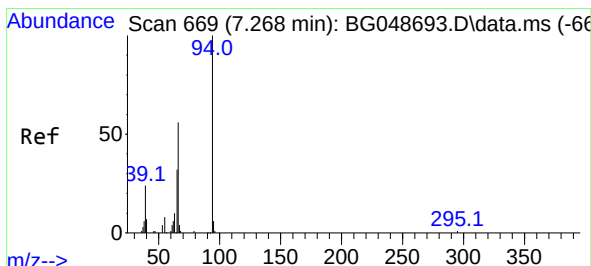
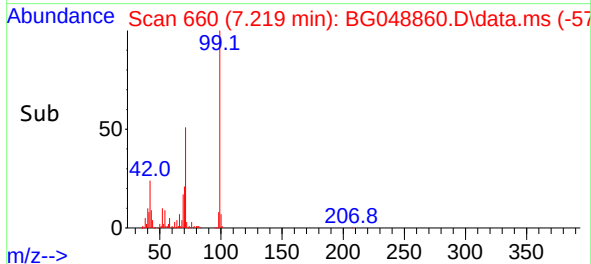
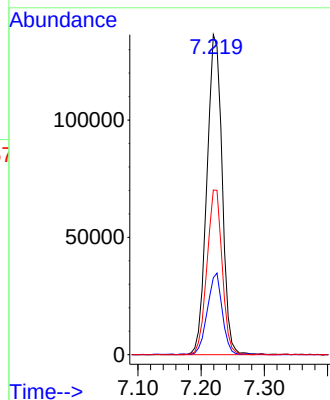
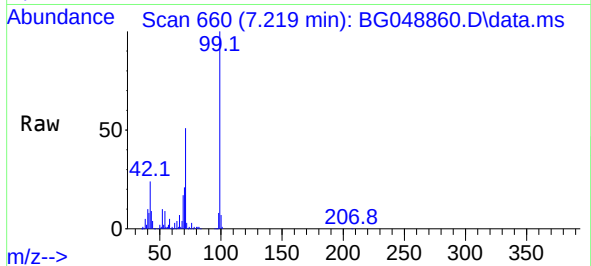




#7
Phenol-d6
Concen: 114.19 ng
RT: 7.219 min Scan# 660
Delta R.T. -0.002 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

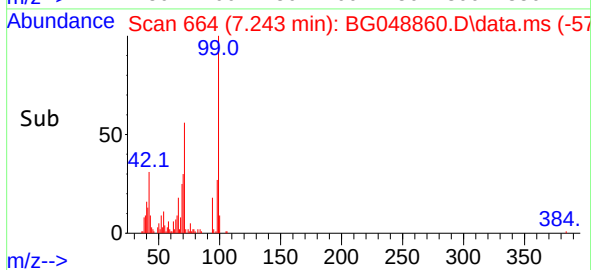
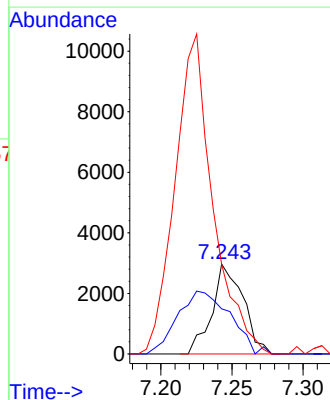
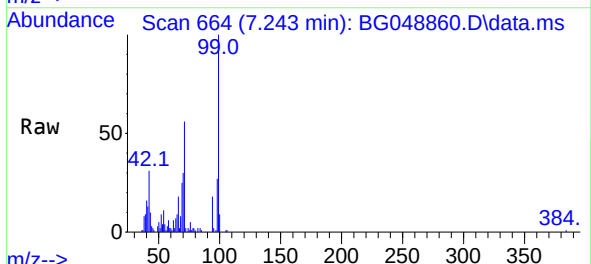
Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

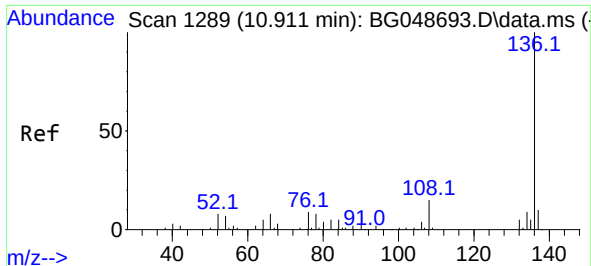
Tgt Ion: 99 Resp: 228246
Ion Ratio Lower Upper
99 100
42 24.1 20.5 30.7
71 51.5 41.5 62.3



#10
Phenol
Concen: 2.29 ng
RT: 7.243 min Scan# 664
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

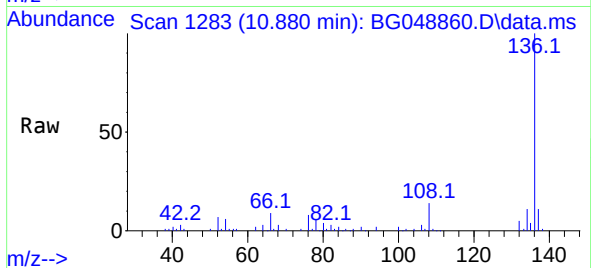
Tgt Ion: 94 Resp: 4504
Ion Ratio Lower Upper
94 100
65 50.1 12.9 52.9
66 99.6 39.4 79.4#



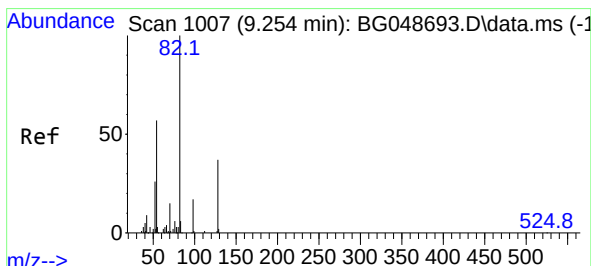
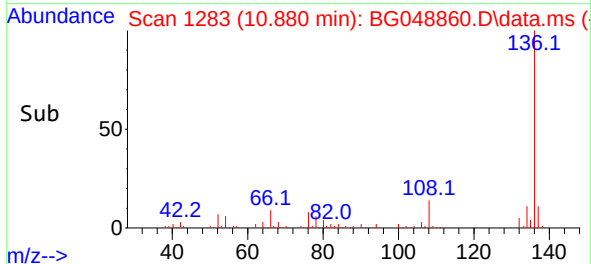
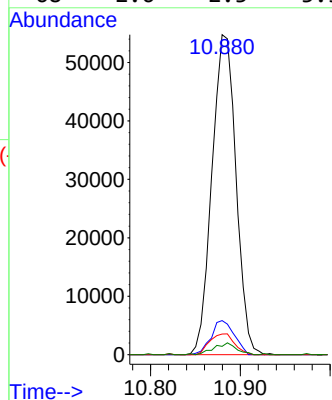


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.880 min Scan# 1283
Delta R.T. -0.014 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

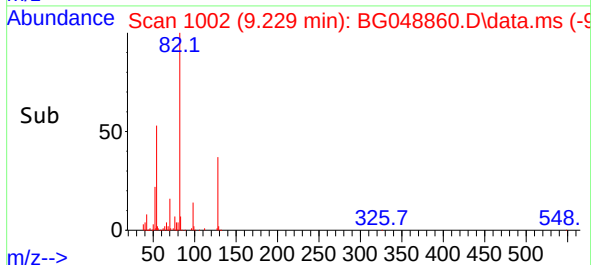
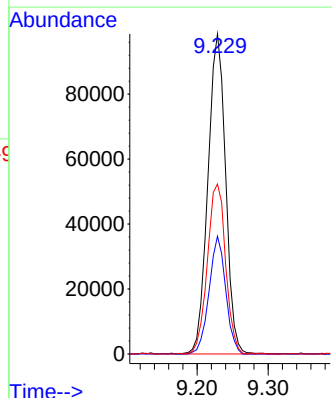
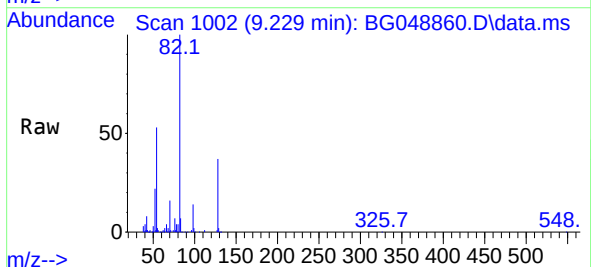


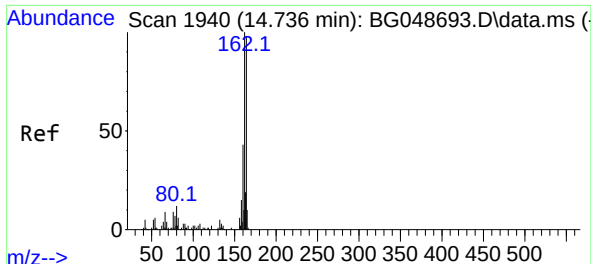
Tgt Ion:	136	Resp:	101883
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	6.5	5.5	8.3
68	2.6	2.3	3.5



#23
Nitrobenzene-d5
Concen: 74.86 ng
RT: 9.229 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt Ion:	82	Resp:	170365
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.8	44.6
54	53.1	45.8	68.8



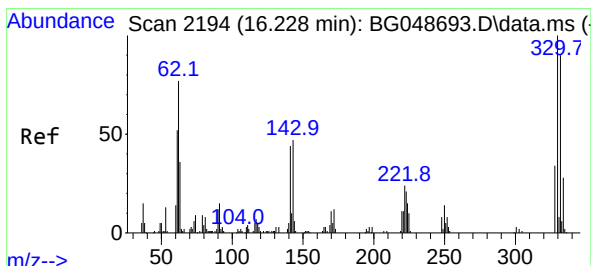
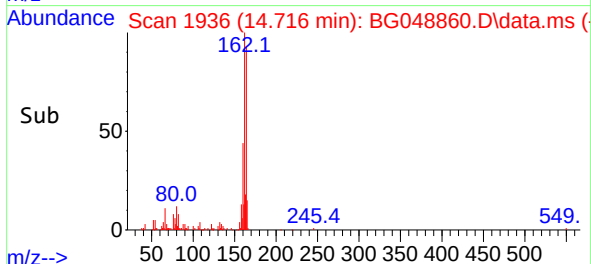
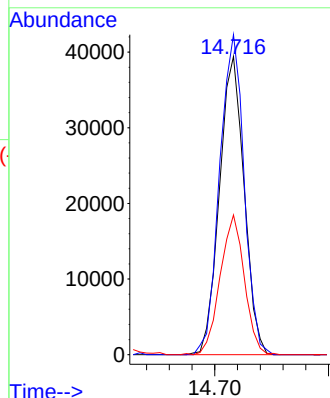
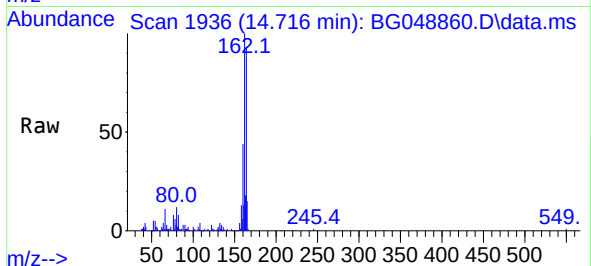


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.716 min Scan# 1936
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

Tgt Ion:164 Resp: 59247

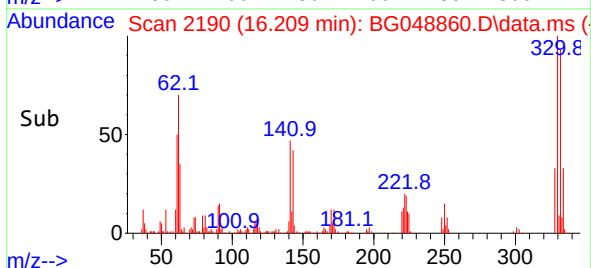
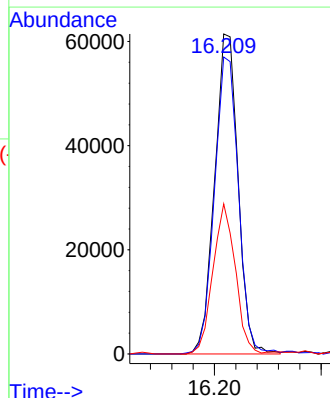
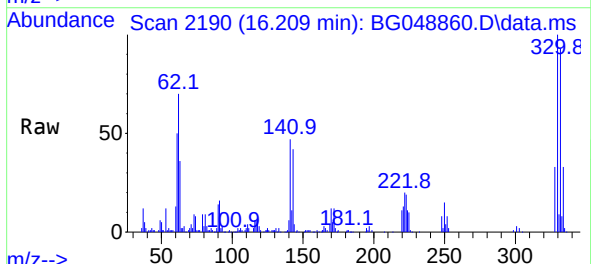
Ion	Ratio	Lower	Upper
164	100		
162	107.3	81.4	122.0
160	46.9	34.9	52.3

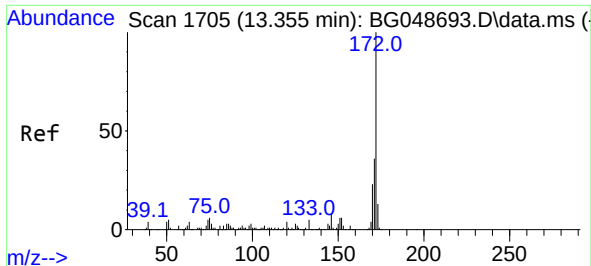


#42
2,4,6-Tribromophenol
Concen: 117.72 ng
RT: 16.209 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt Ion:330 Resp: 93518

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	45.1	35.6	53.4

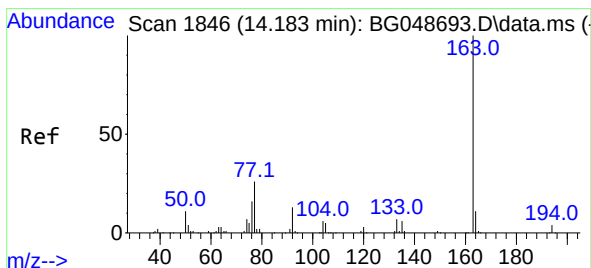
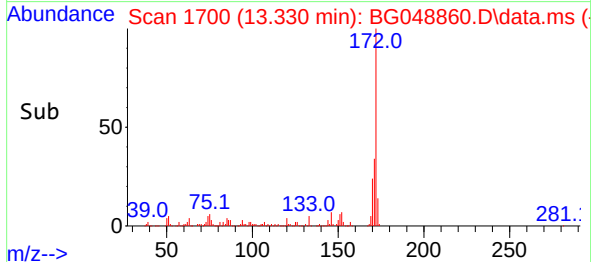
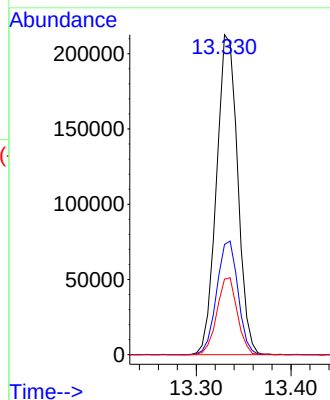
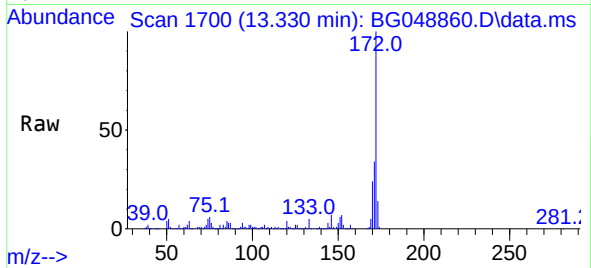




#45
2-Fluorobiphenyl
Concen: 80.44 ng
RT: 13.330 min Scan# 1700
Delta R.T. -0.014 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

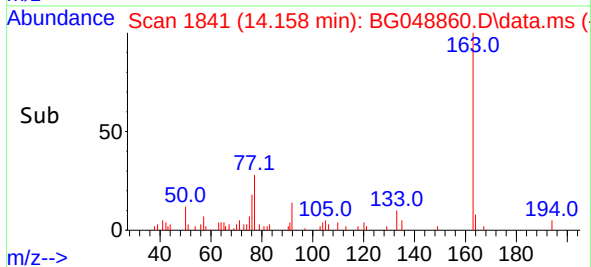
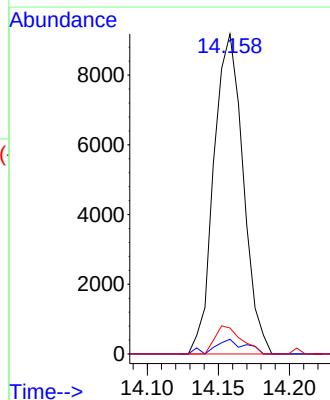
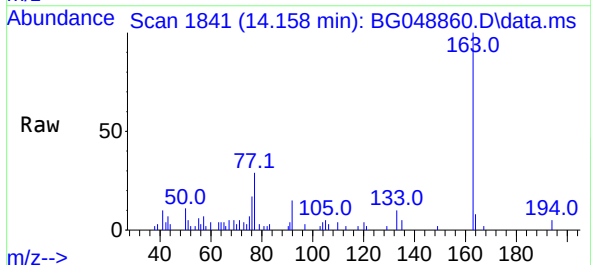
Instrument :
BNA_G
ClientSampleId :
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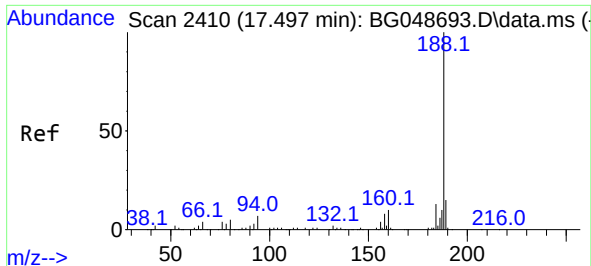
Tgt Ion:172	Resp:	330010	
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.6	43.0
170	23.6	18.6	27.8



#50
Dimethylphthalate
Concen: 2.97 ng
RT: 14.158 min Scan# 1841
Delta R.T. -0.014 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt	Ion:163	Resp:	13202
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.0	4.6#
164	8.1	8.6	12.8#

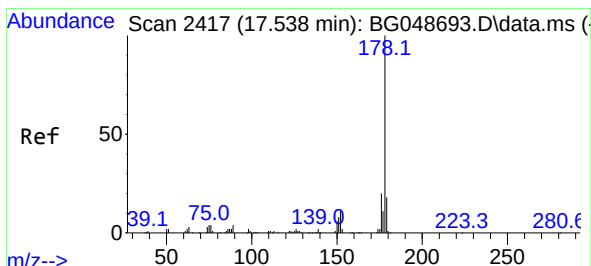
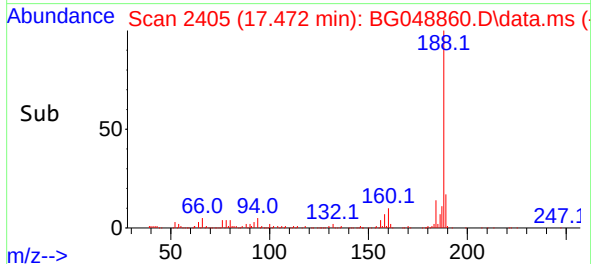
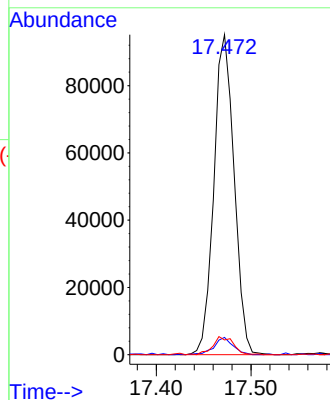
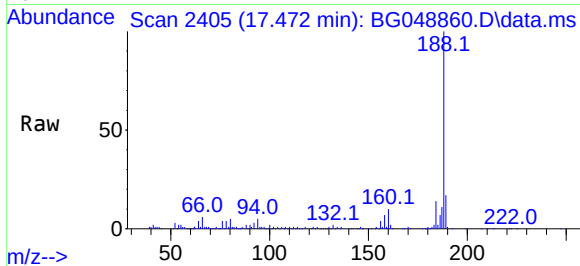




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.472 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

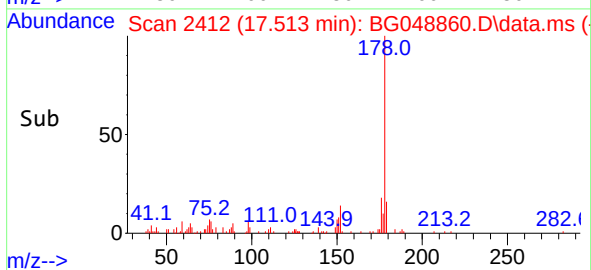
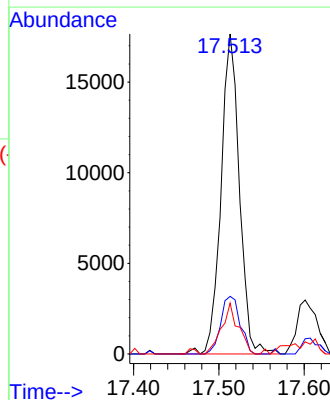
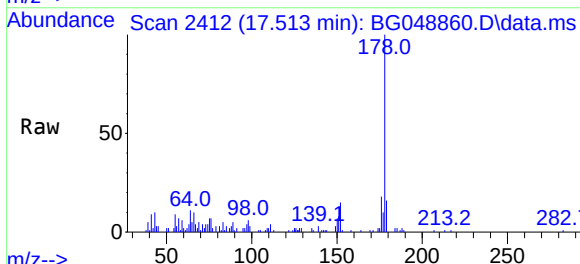
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SB-33-10.5-11.0

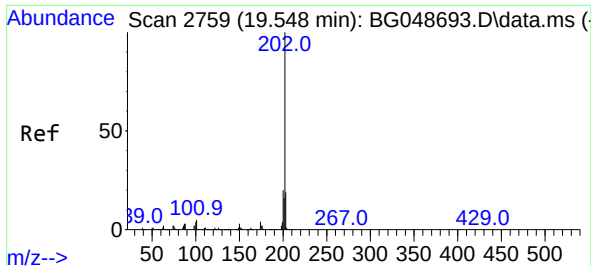
Tgt Ion:188	Resp: 141213
Ion Ratio	Lower Upper
188 100	
94 5.4	5.4 8.0
80 4.6	3.7 5.5



#71
Phenanthrene
Concen: 3.61 ng
RT: 17.513 min Scan# 2412
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt Ion:178	Resp: 26462
Ion Ratio	Lower Upper
178 100	
176 18.0	16.0 24.0
179 15.9	14.2 21.4

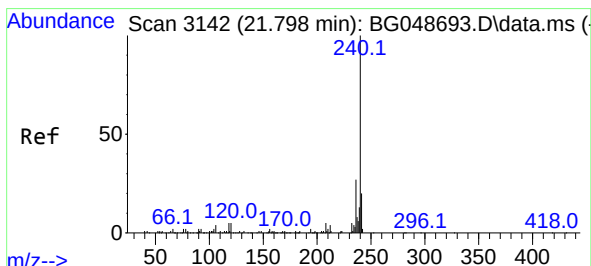
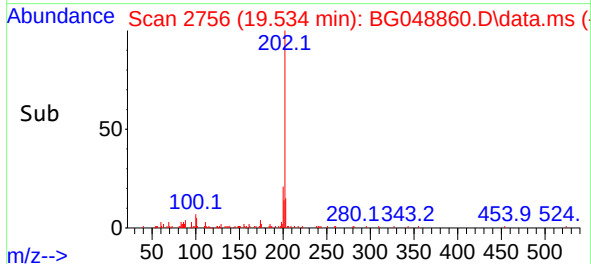
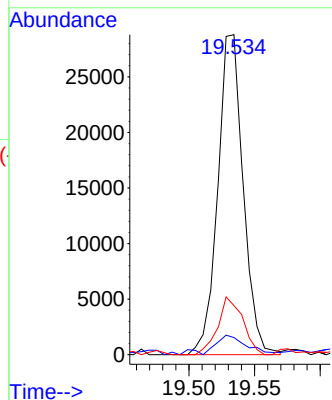
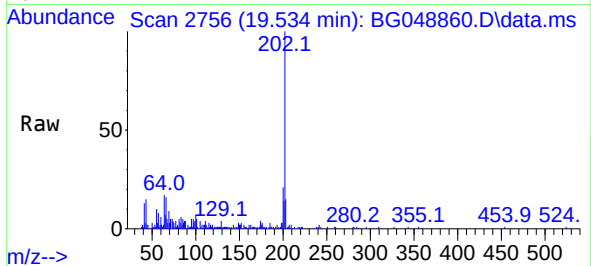




#75
Fluoranthene
Concen: 4.19 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

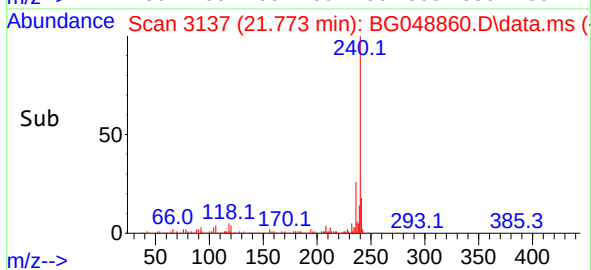
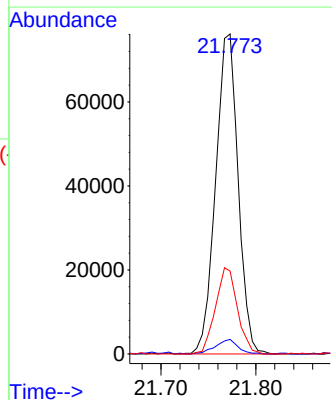
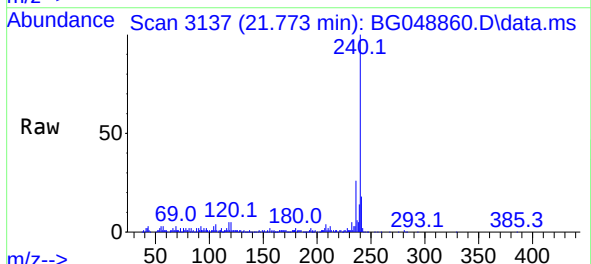
Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

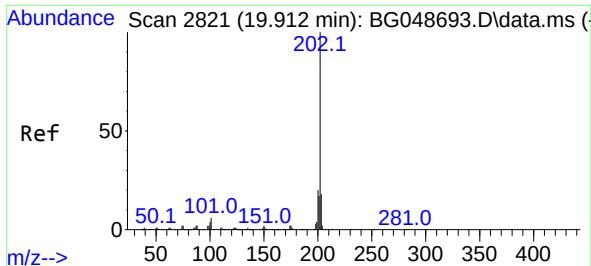
Tgt Ion:	202	Resp:	38805
Ion Ratio	Lower	Upper	
202	100		
101	5.3	0.0	24.7
203	15.4	0.0	38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.773 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt Ion:	240	Resp:	125488
Ion Ratio	Lower	Upper	
240	100		
120	4.6	4.2	6.2
236	25.9	21.8	32.6

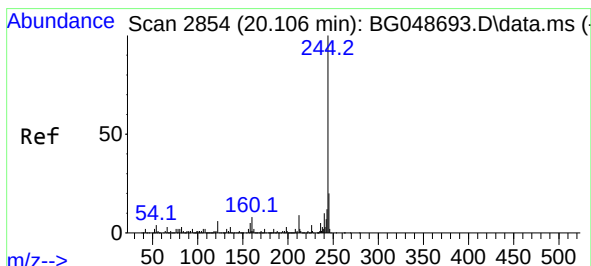
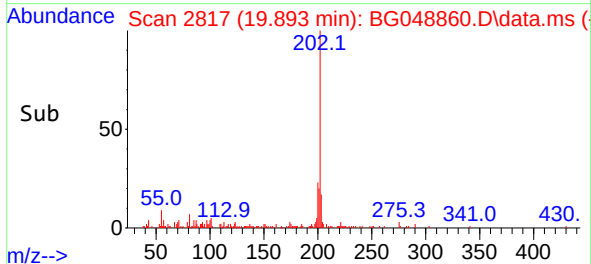
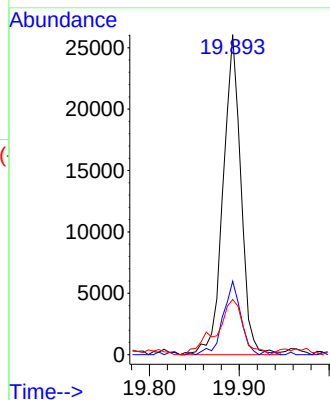
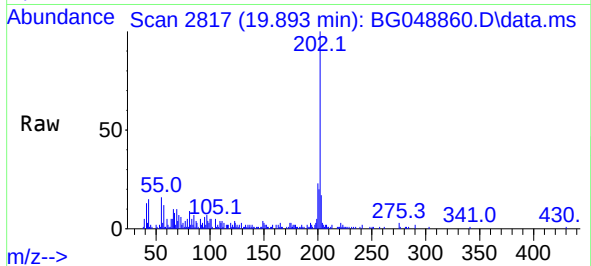




#78
Pyrene
Concen: 4.14 ng
RT: 19.893 min Scan# 2817
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

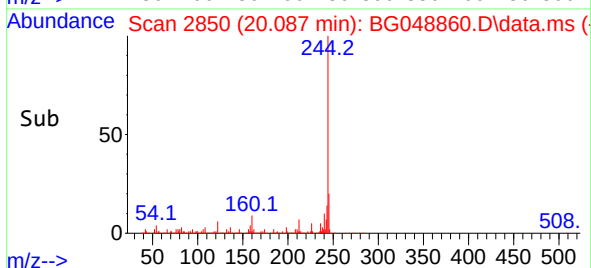
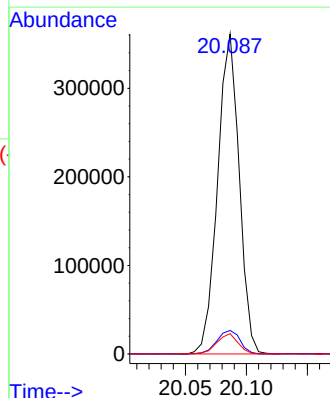
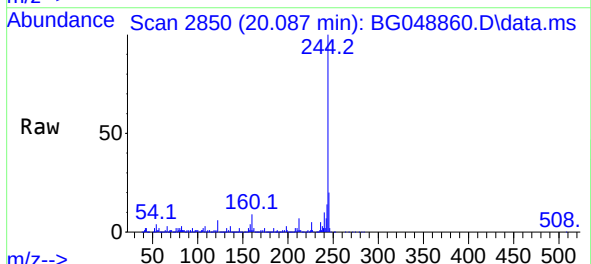
Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

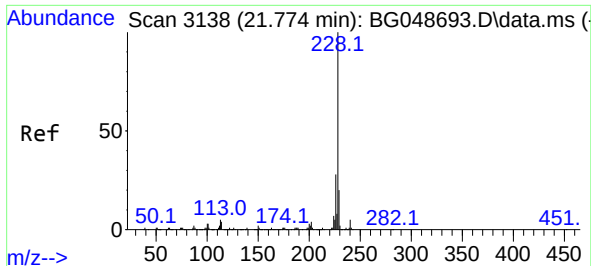
Tgt Ion:	202	Resp:	35958
Ion Ratio	Lower	Upper	
202	100		
200	22.9	15.8	23.8
203	17.3	14.6	21.8



#79
Terphenyl-d14
Concen: 61.05 ng
RT: 20.087 min Scan# 2850
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Tgt Ion:	244	Resp:	445138
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.9	10.3
122	6.3	5.0	7.6

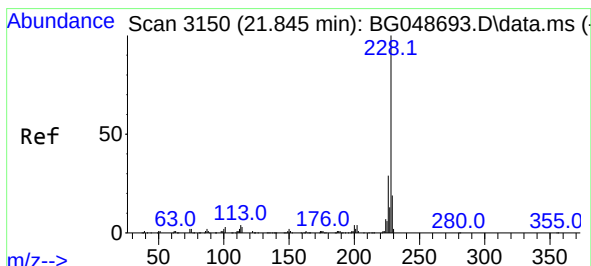
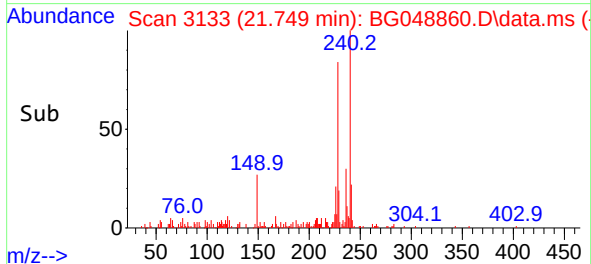
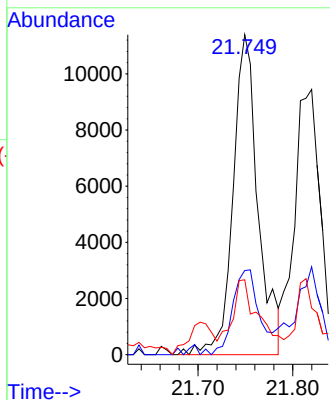
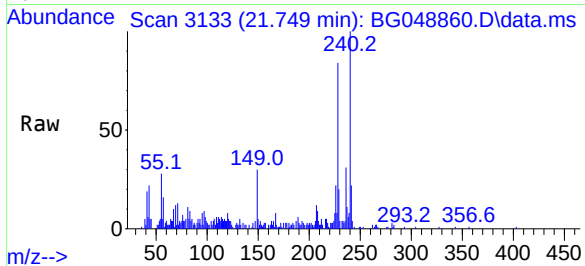




#81
Benzo(a)anthracene
Concen: 2.44 ng
RT: 21.749 min Scan# 3133
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

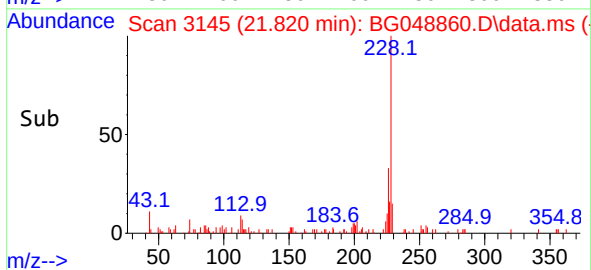
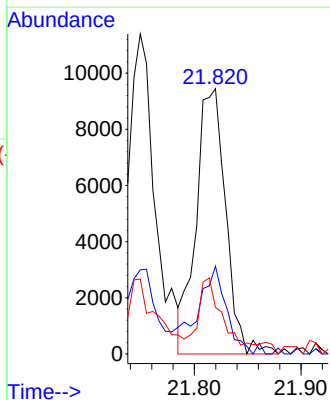
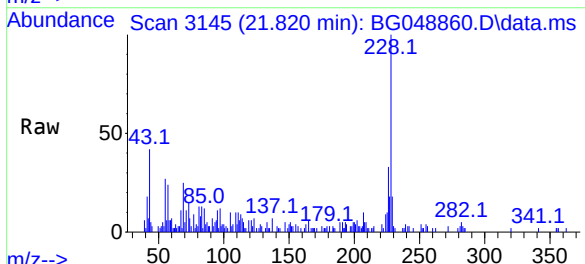
Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

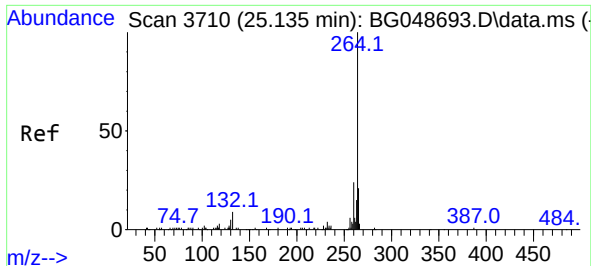
Tgt Ion:228 Resp: 20905
Ion Ratio Lower Upper
228 100
226 26.3 22.7 34.1
229 23.4 16.0 24.0



#83
Chrysene
Concen: 2.24 ng
RT: 21.820 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

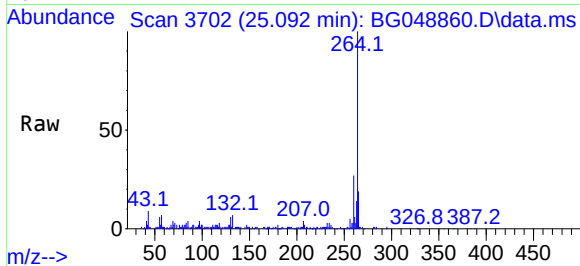
Tgt Ion:228 Resp: 18287
Ion Ratio Lower Upper
228 100
226 33.1 23.1 34.7
229 17.6 15.3 22.9



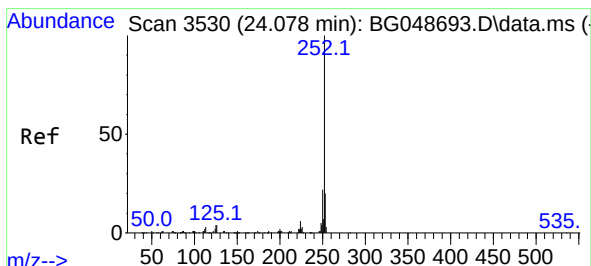
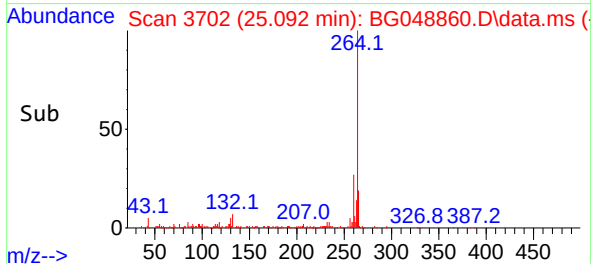
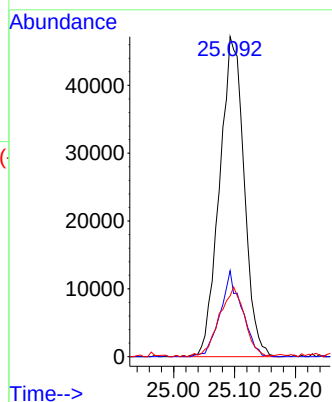


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.092 min Scan# 3702
 Delta R.T. -0.019 min
 Lab File: BG048860.D
 Acq: 23 Apr 2021 12:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-33-10.5-11.0

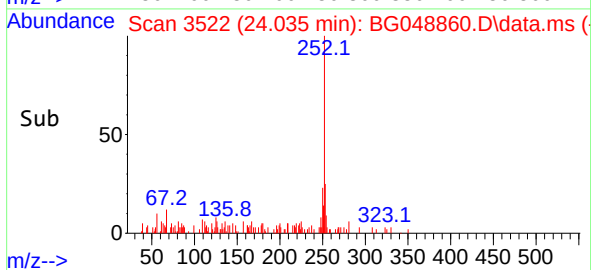
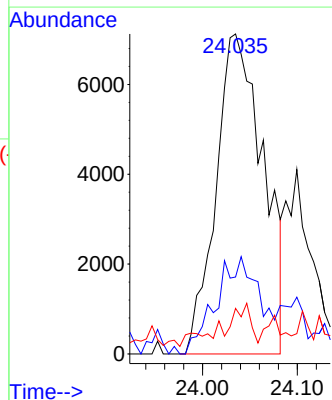
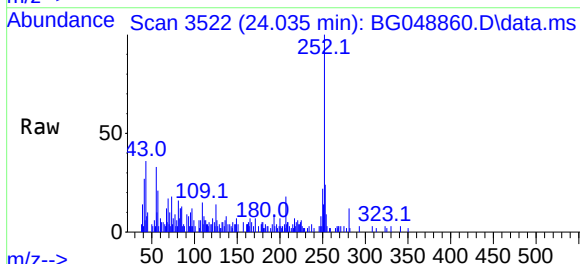


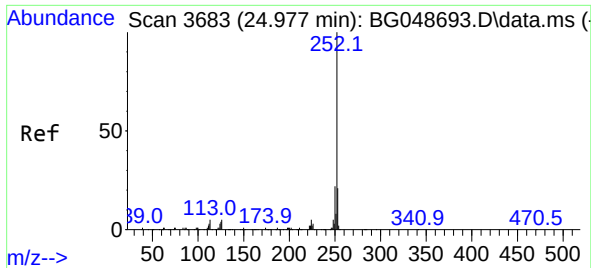
Tgt Ion:264 Resp: 131990
 Ion Ratio Lower Upper
 264 100
 260 26.9 19.4 29.2
 265 19.0 16.9 25.3



#88
 Benzo(b)fluoranthene
 Concen: 2.76 ng
 RT: 24.035 min Scan# 3522
 Delta R.T. -0.014 min
 Lab File: BG048860.D
 Acq: 23 Apr 2021 12:51

Tgt Ion:252 Resp: 24744
 Ion Ratio Lower Upper
 252 100
 253 24.1 16.2 24.4
 125 14.2 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.29 ng
RT: 24.940 min Scan# 3676
Delta R.T. -0.014 min
Lab File: BG048860.D
Acq: 23 Apr 2021 12:51

Instrument :
BNA_G
ClientSampleId :
SB-33-10.5-11.0

Tgt Ion:	252	Resp:	18882
Ion Ratio	Lower	Upper	
252	100		
253	22.2	16.6	25.0
125	7.4	3.5	5.3#

