

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048481.D
 Acq On : 23 Mar 2021 22:33
 Operator : CG/JU
 Sample : M1779-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B1-(3.0-3.5)

Quant Time: Mar 24 02:21:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

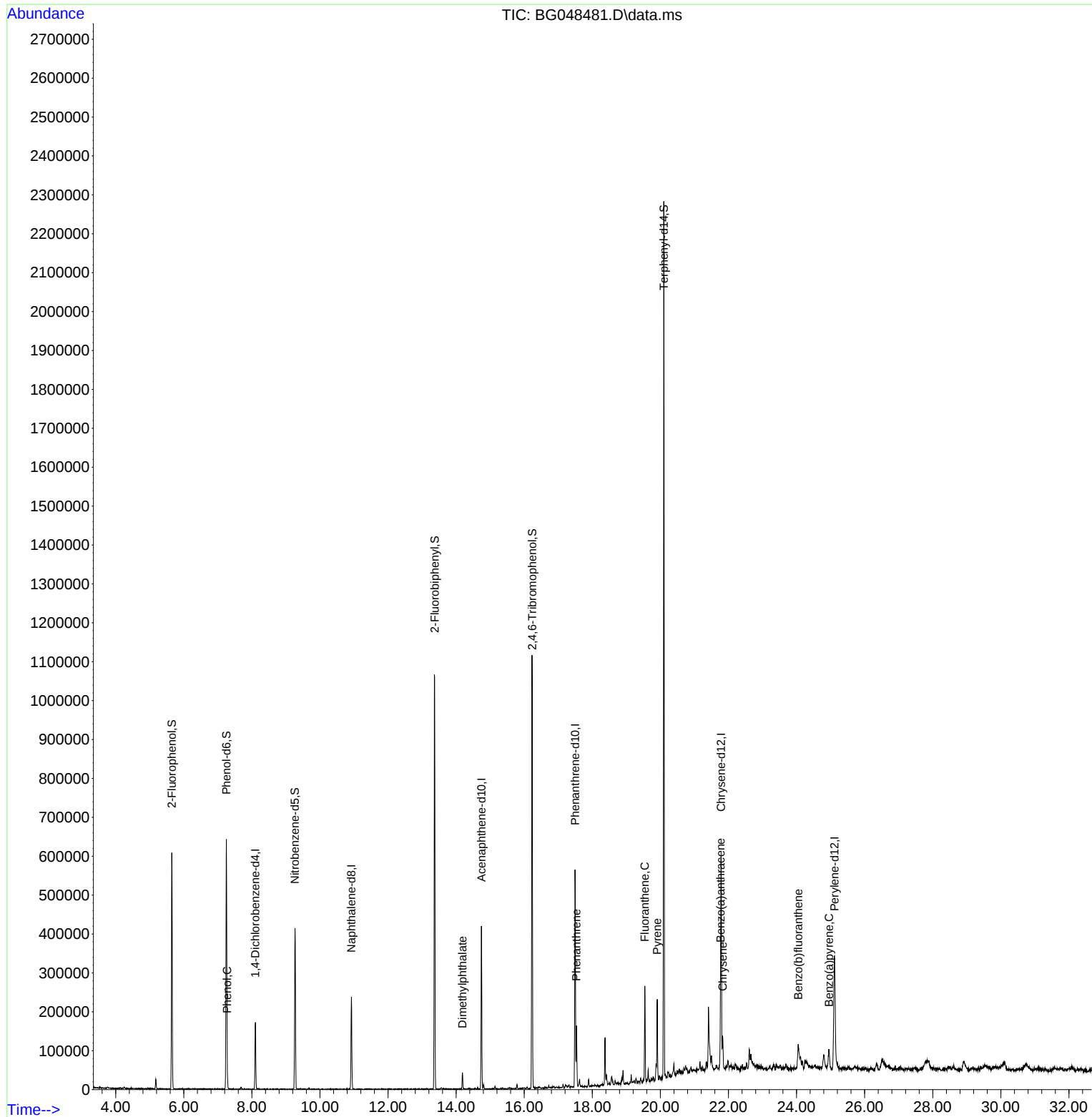
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	43235	20.00	ng	# 0.00
21) Naphthalene-d8	10.924	136	180962	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	134785	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	339279	20.00	ng	# 0.00
76) Chrysene-d12	21.782	240	318527	20.00	ng	#-0.01
86) Perylene-d12	25.113	264	337169	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	229904	87.93	ng	0.00
7) Phenol-d6	7.252	99	322588	84.79	ng	0.00
23) Nitrobenzene-d5	9.267	82	247328	54.65	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	208524	95.13	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	536142	57.22	ng	0.00
79) Terphenyl-d14	20.101	244	977147	55.32	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.275	94	14145	3.63	ng	# 46
50) Dimethylphthalate	14.185	163	24887	2.27	ng	# 94
71) Phenanthrene	17.534	178	94466	5.27	ng	97
75) Fluoranthene	19.543	202	157439	6.60	ng	91
78) Pyrene	19.907	202	135251	6.18	ng	93
81) Benzo(a)anthracene	21.764	228	57385	2.60	ng	97
83) Chrysene	21.829	228	60838	2.87	ng	96
88) Benzo(b)fluoranthene	24.050	252	78194	3.29	ng	# 96
90) Benzo(a)pyrene	24.954	252	56943	2.63	ng	98

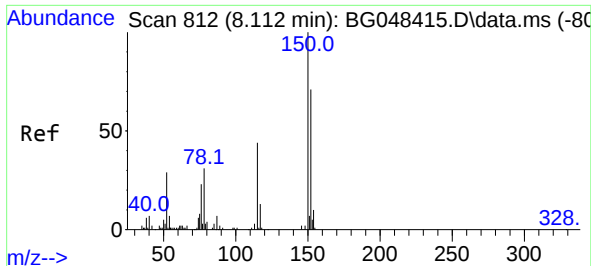
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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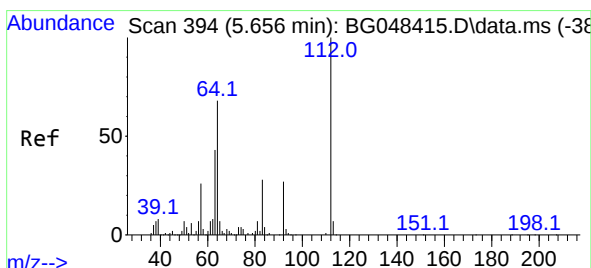
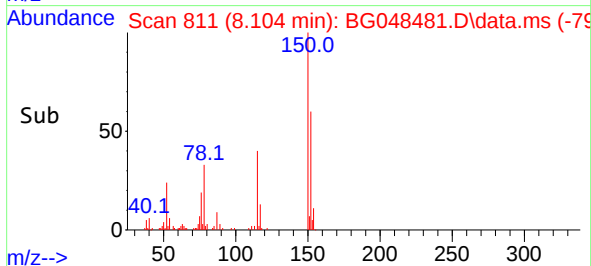
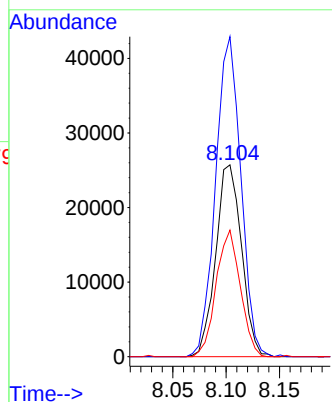
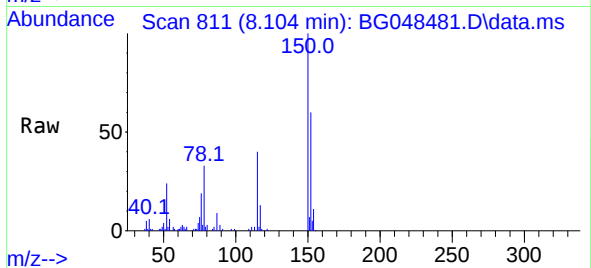




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.104 min Scan# 811
Delta R.T. 0.001 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

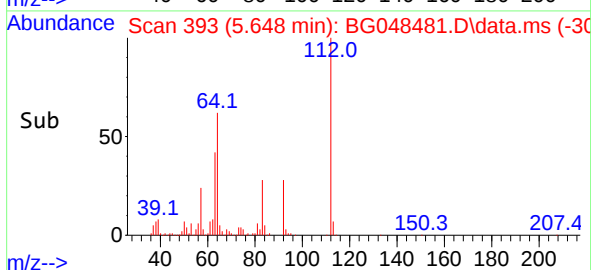
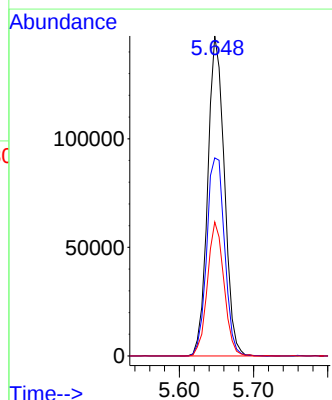
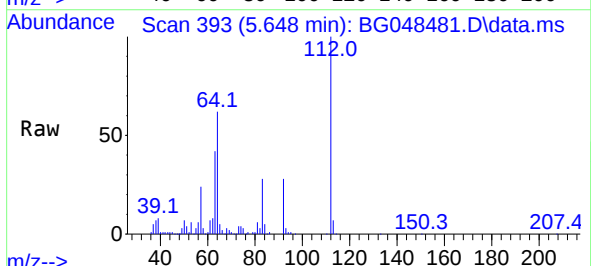
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

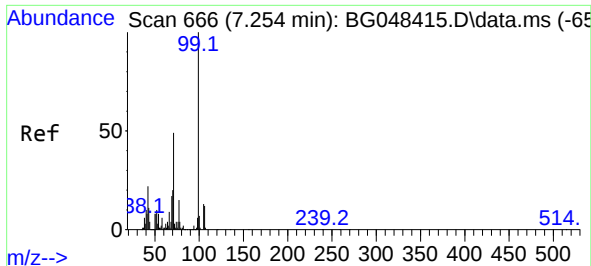
Tgt Ion:152 Resp: 43235
Ion Ratio Lower Upper
152 100
150 166.8 125.0 187.6
115 66.0 41.8 62.6#



#5
2-Fluorophenol
Concen: 87.93 ng
RT: 5.648 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:112 Resp: 229904
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 41.8 22.8 34.2#

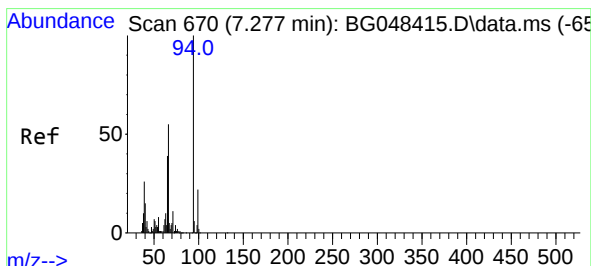
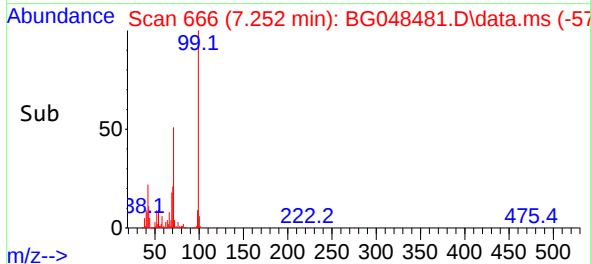
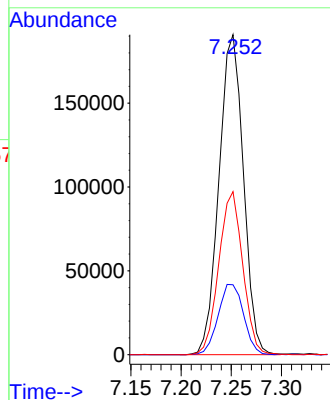
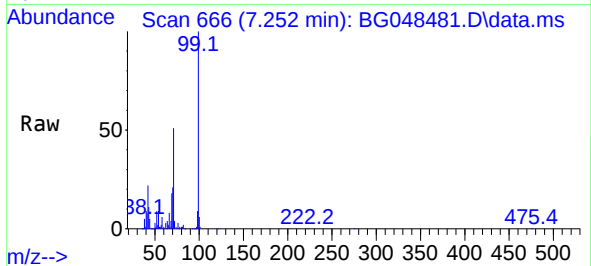




#7
Phenol-d6
Concen: 84.79 ng
RT: 7.252 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

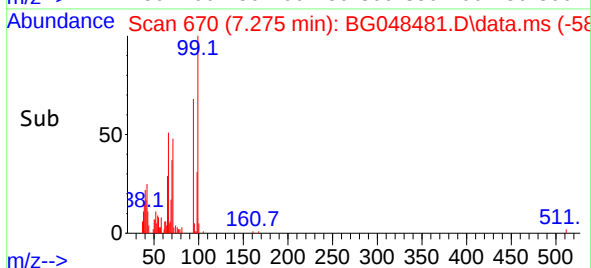
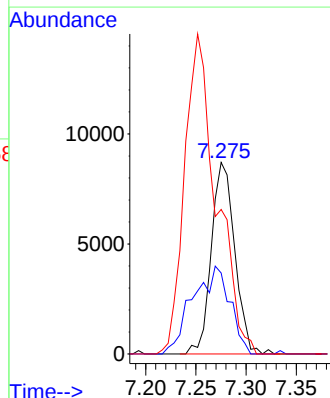
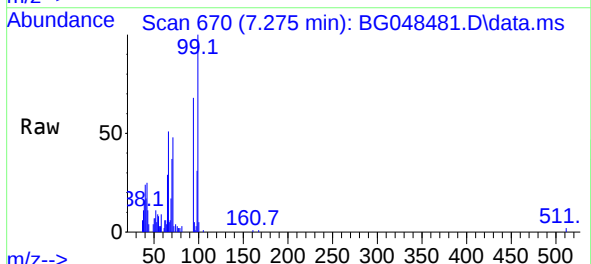
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

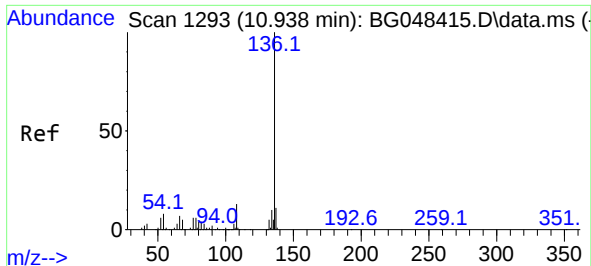
Tgt Ion: 99 Resp: 322588
Ion Ratio Lower Upper
99 100
42 21.9 12.8 19.2#
71 51.0 24.6 36.8#



#10
Phenol
Concen: 3.63 ng
RT: 7.275 min Scan# 670
Delta R.T. 0.001 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion: 94 Resp: 14145
Ion Ratio Lower Upper
94 100
65 42.3 6.6 46.6
66 75.4 13.9 53.9#

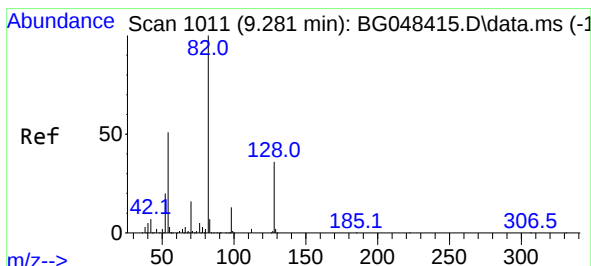
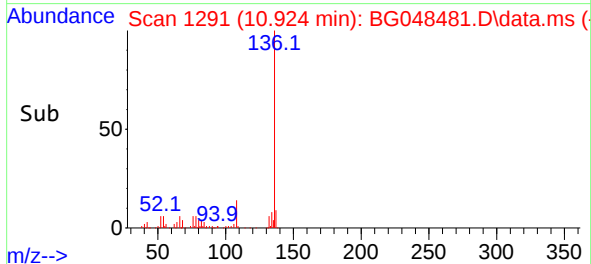
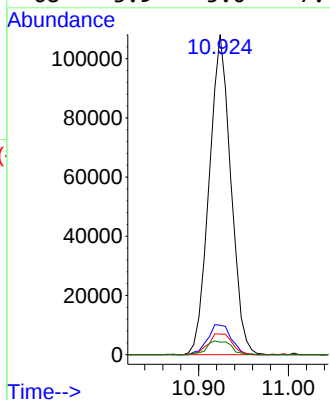
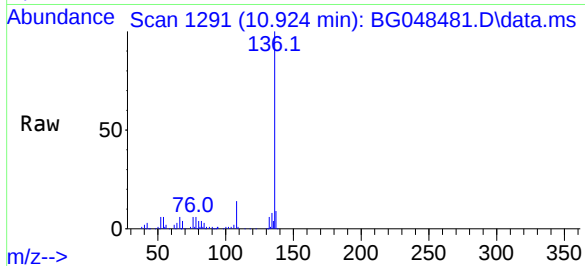




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.924 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

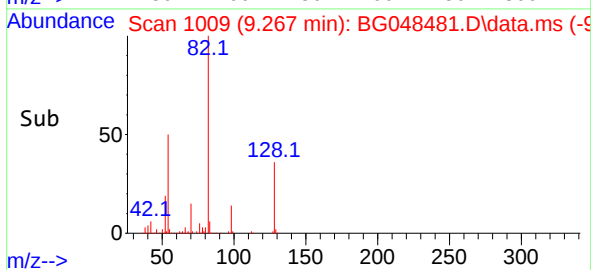
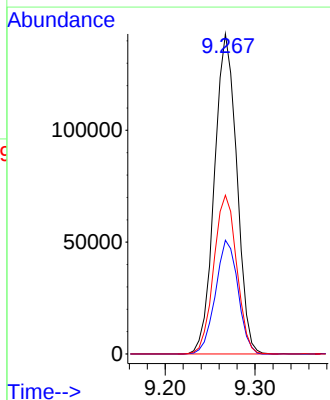
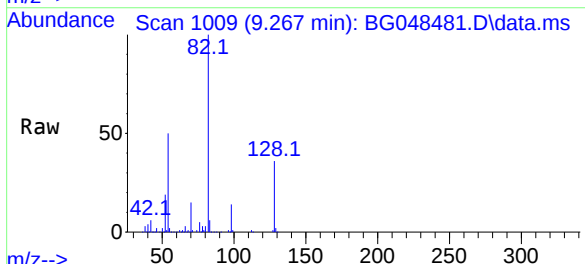
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

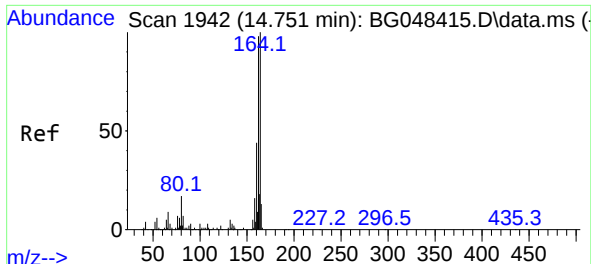
Tgt Ion:	136	Resp:	180962
Ion Ratio	Lower	Upper	
136	100		
137	9.2	9.1	13.7
54	6.4	6.2	9.4
68	3.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 54.65 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:	82	Resp:	247328
Ion Ratio	Lower	Upper	
82	100		
128	35.5	37.0	55.6#
54	49.6	39.0	58.4

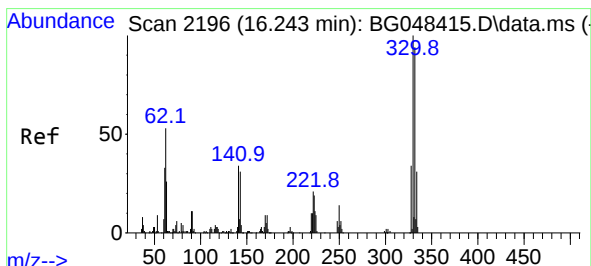
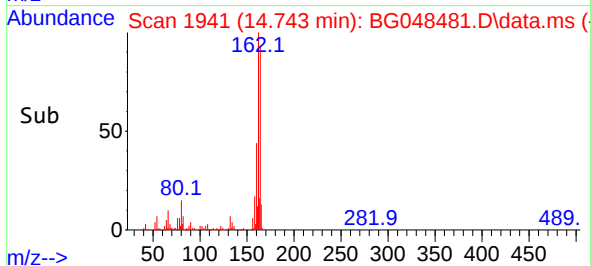
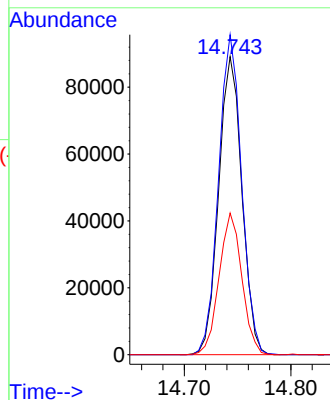
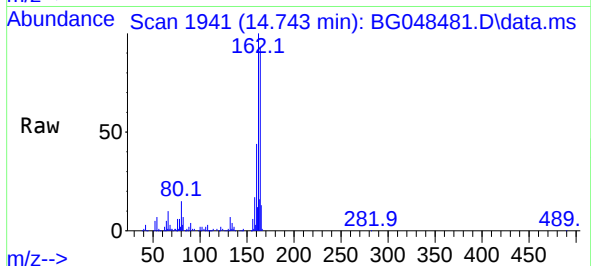




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

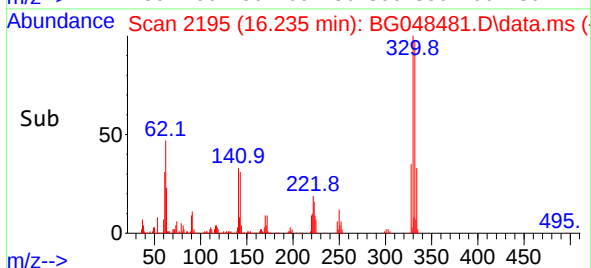
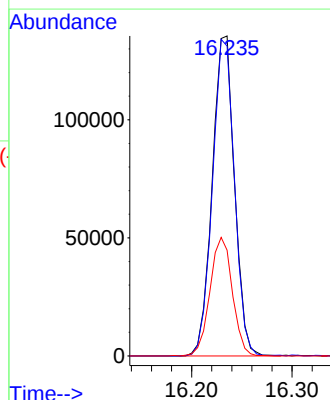
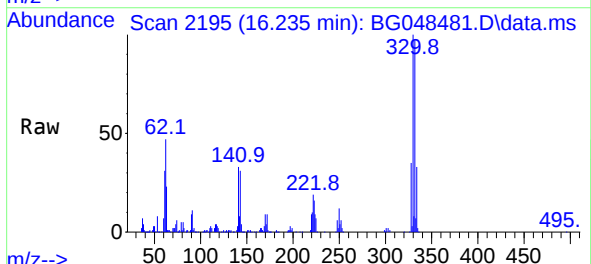
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

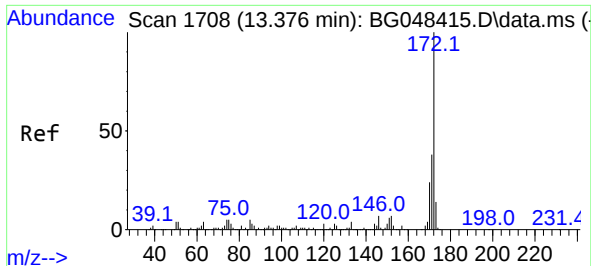
Tgt Ion:164 Resp: 134785
Ion Ratio Lower Upper
164 100
162 107.3 82.3 123.5
160 47.5 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 95.13 ng
RT: 16.235 min Scan# 2195
Delta R.T. 0.001 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:330 Resp: 208524
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 37.4 26.0 39.0

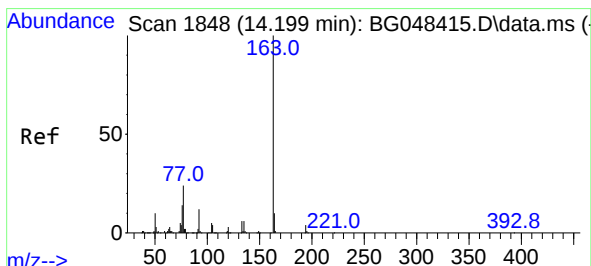
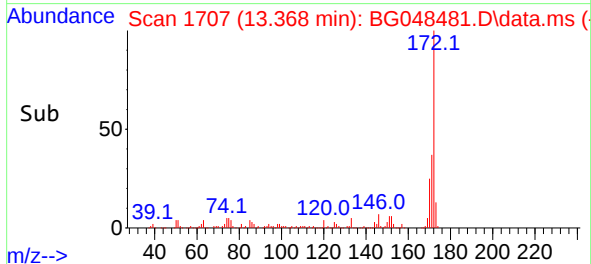
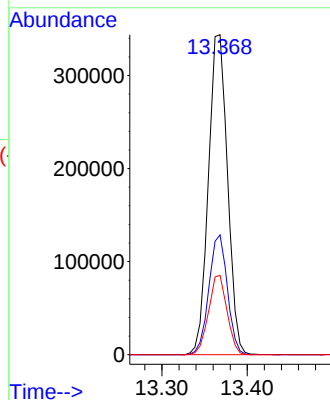
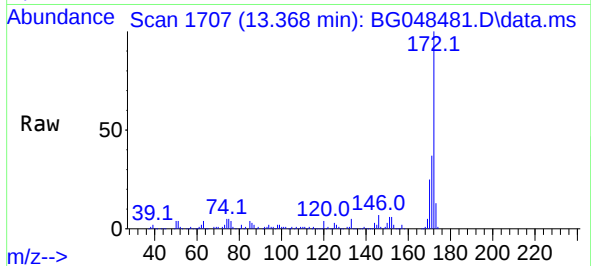




#45
2-Fluorobiphenyl
Concen: 57.22 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.001 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

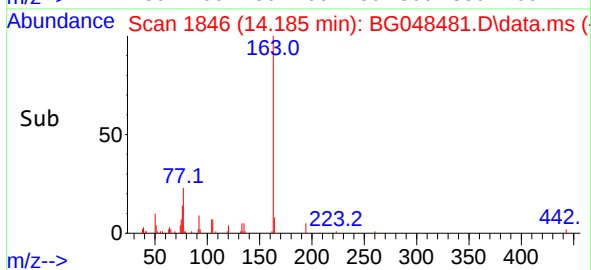
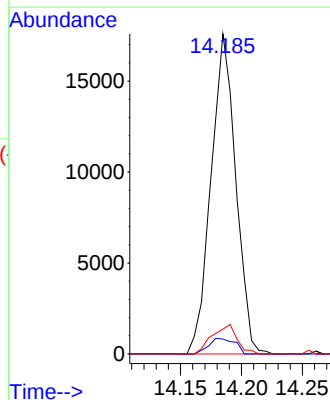
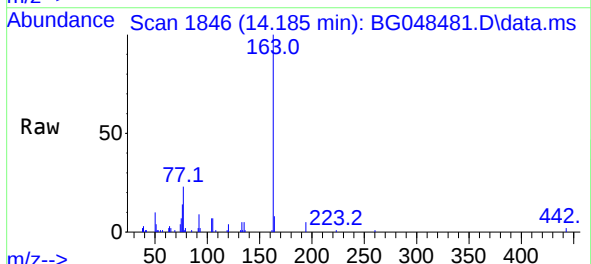
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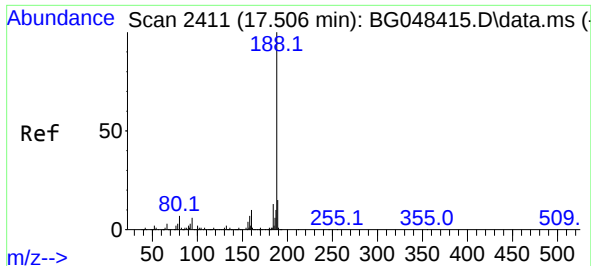
Tgt Ion:172	Resp: 536142
Ion Ratio	Lower Upper
172	100
171	37.4 31.3 46.9
170	24.8 20.8 31.2



#50
Dimethylphthalate
Concen: 2.27 ng
RT: 14.185 min Scan# 1846
Delta R.T. -0.011 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:163	Resp: 24887
Ion Ratio	Lower Upper
163	100
194	4.6 3.8 5.8
164	7.8 8.8 13.2#

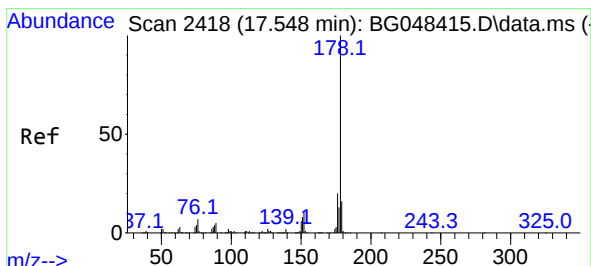
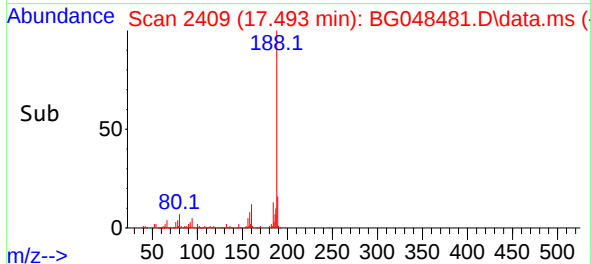
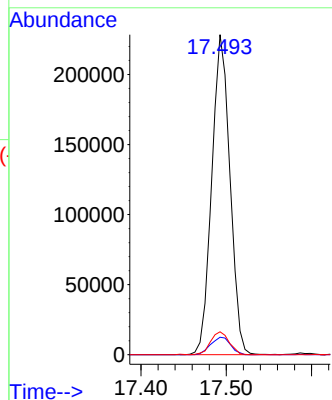
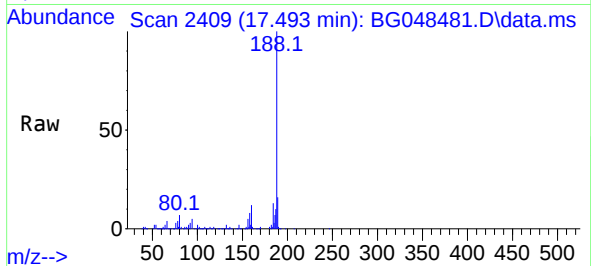




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

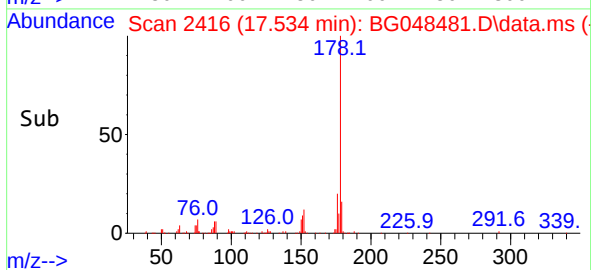
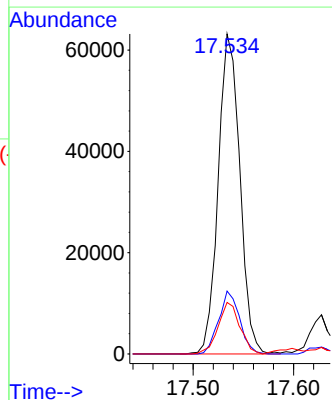
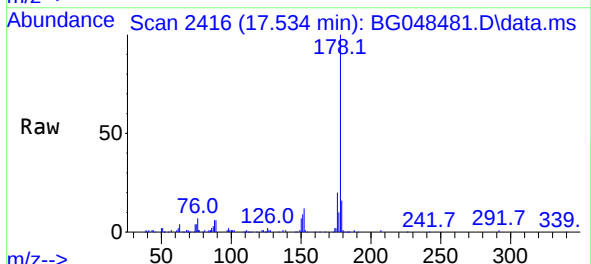
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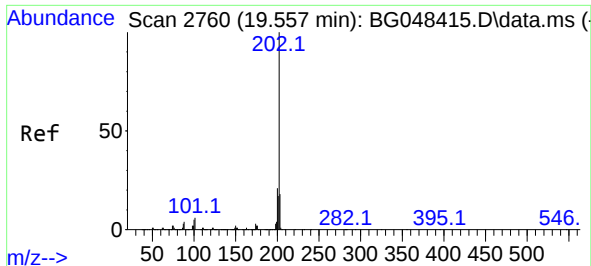
Tgt Ion:188 Resp: 339279
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.2 7.0 10.6



#71
Phenanthrene
Concen: 5.27 ng
RT: 17.534 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:178 Resp: 94466
Ion Ratio Lower Upper
178 100
176 19.7 16.7 25.1
179 16.1 14.0 21.0

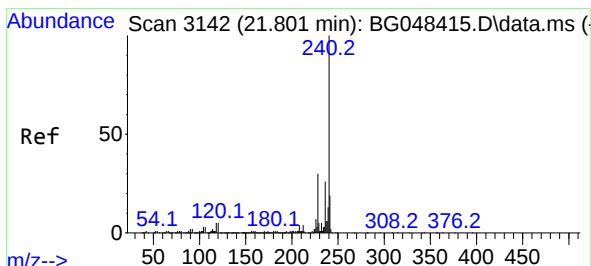
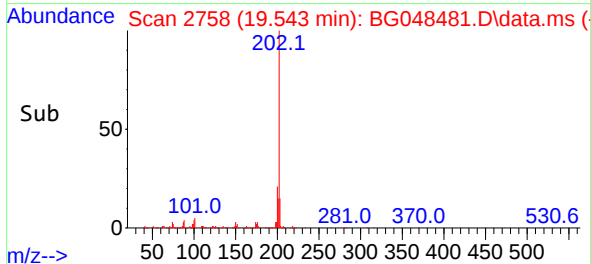
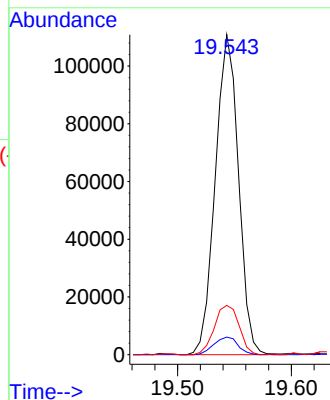
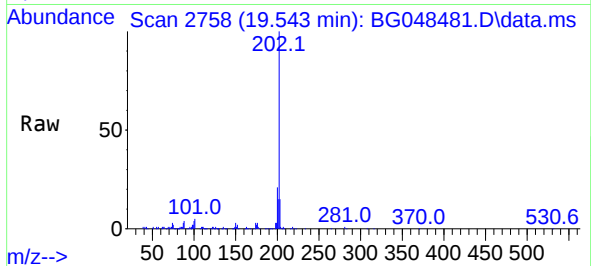




#75
Fluoranthene
Concen: 6.60 ng
RT: 19.543 min Scan# 2758
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

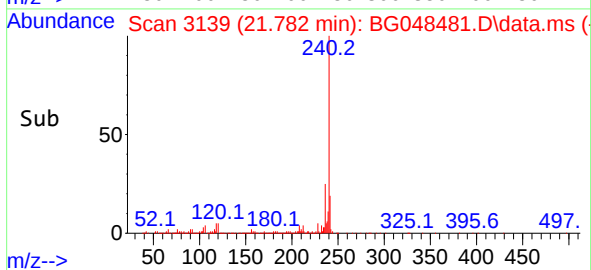
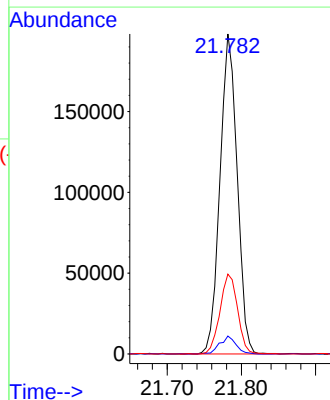
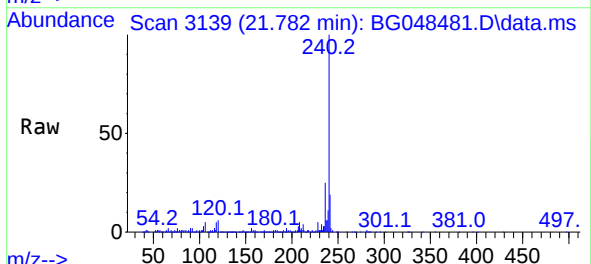
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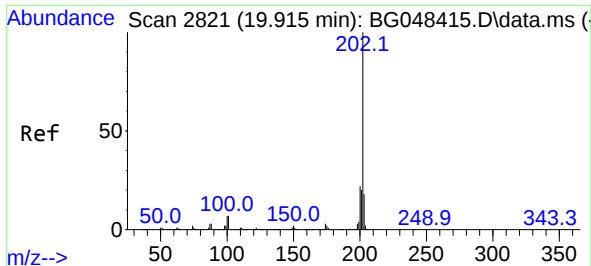
Tgt Ion:202 Resp: 157439
Ion Ratio Lower Upper
202 100
101 5.5 0.0 29.7
203 15.4 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.782 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:240 Resp: 318527
Ion Ratio Lower Upper
240 100
120 5.6 6.2 9.4#
236 24.9 20.5 30.7

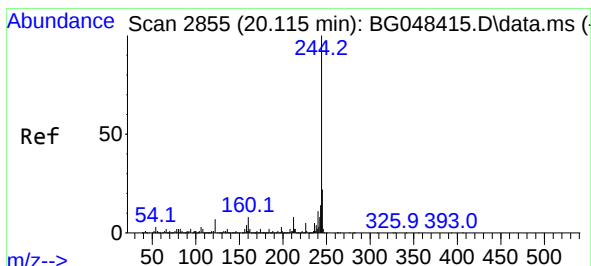
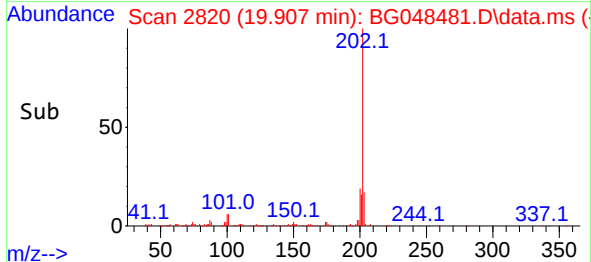
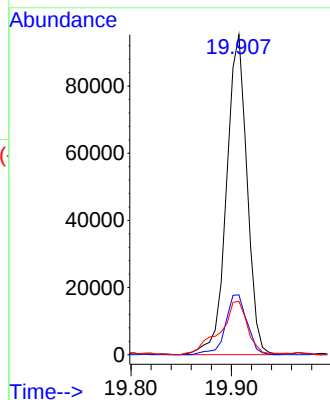
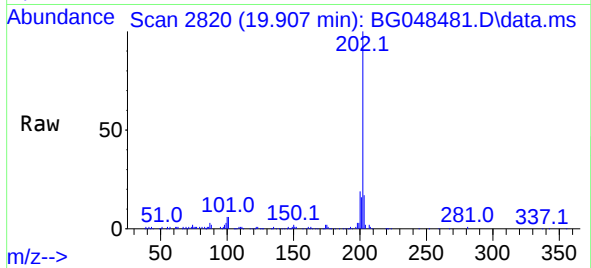




#78
Pyrene
Concen: 6.18 ng
RT: 19.907 min Scan# 2820
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

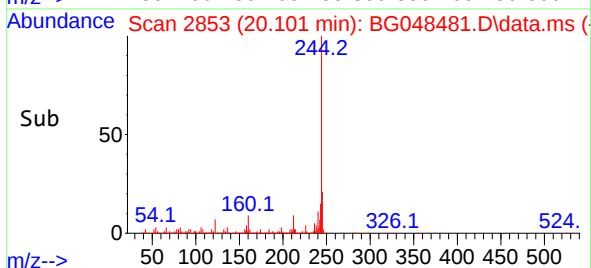
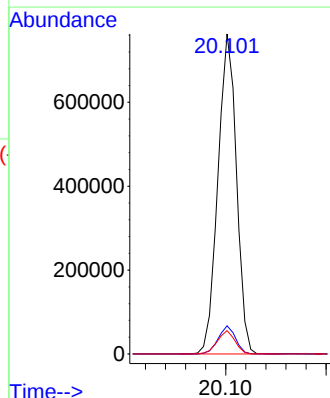
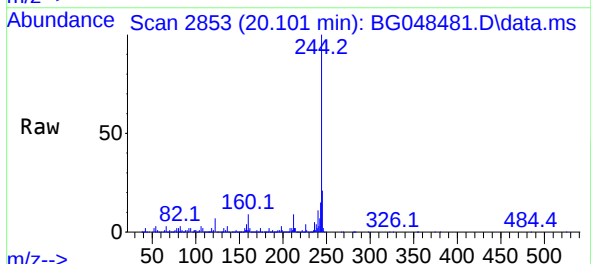
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

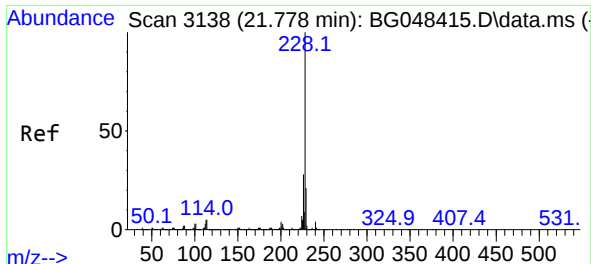
Tgt Ion:202 Resp: 135251
Ion Ratio Lower Upper
202 100
200 18.7 18.6 27.8
203 16.7 15.3 22.9



#79
Terphenyl-d14
Concen: 55.32 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:244 Resp: 977147
Ion Ratio Lower Upper
244 100
212 8.8 6.7 10.1
122 7.3 7.8 11.6#

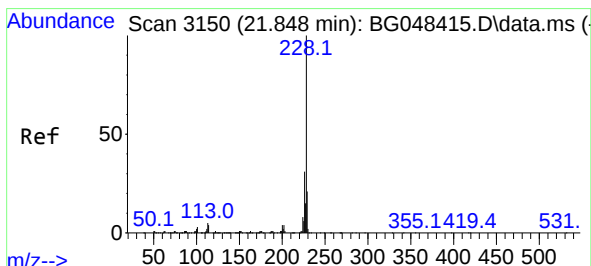
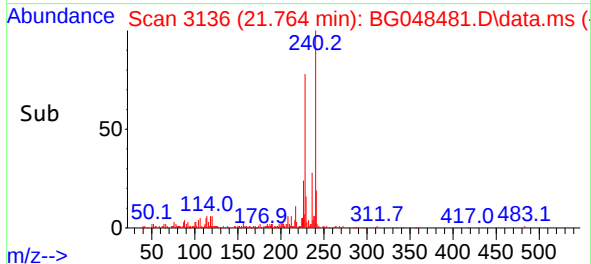
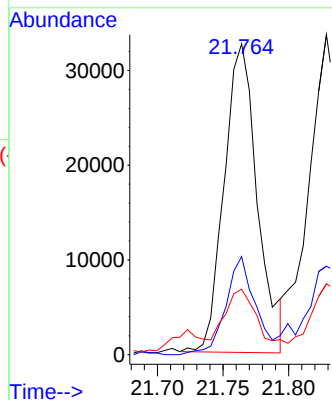
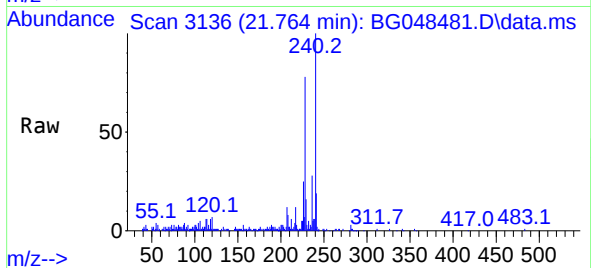




#81
Benzo(a)anthracene
Concen: 2.60 ng
RT: 21.764 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

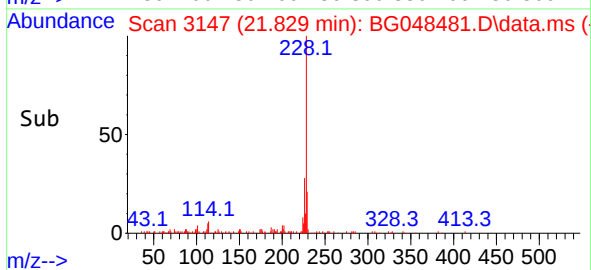
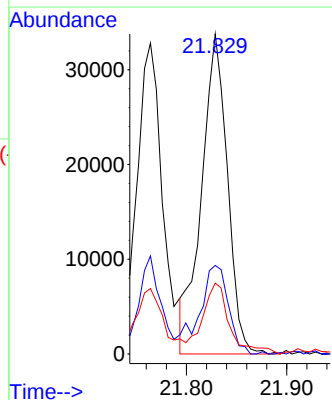
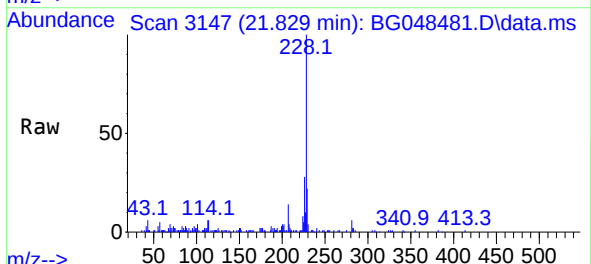
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

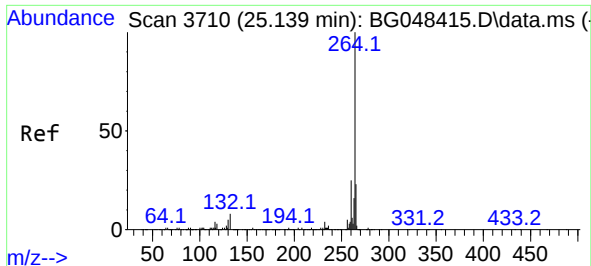
Tgt Ion:	228	Resp:	57385
Ion Ratio	Lower	Upper	
228	100		
226	31.6	23.3	34.9
229	21.1	17.4	26.0



#83
Chrysene
Concen: 2.87 ng
RT: 21.829 min Scan# 3147
Delta R.T. -0.011 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:	228	Resp:	60838
Ion Ratio	Lower	Upper	
228	100		
226	27.7	25.0	37.4
229	22.2	17.3	25.9

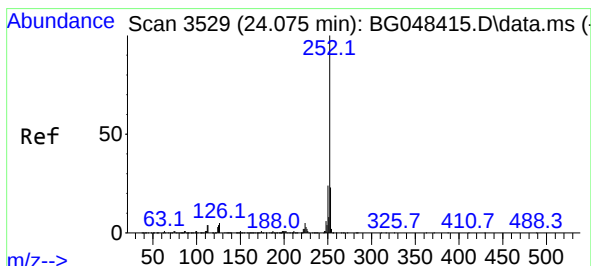
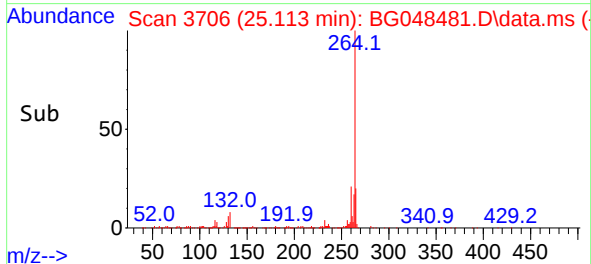
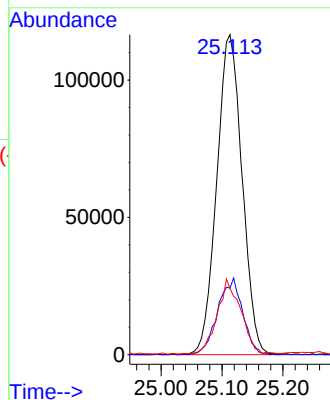
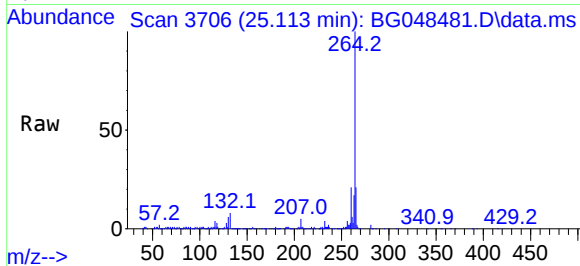




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.113 min Scan# 3706
Delta R.T. -0.011 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

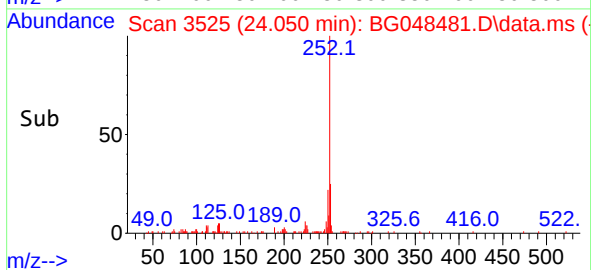
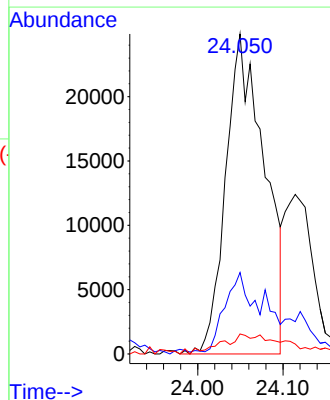
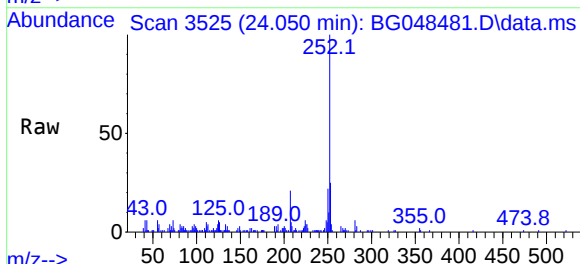
Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

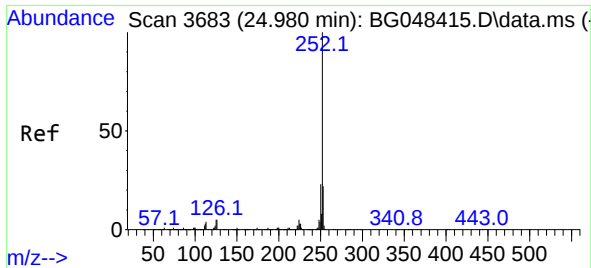
Tgt Ion:264 Resp: 337169
Ion Ratio Lower Upper
264 100
260 20.8 18.8 28.2
265 20.7 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 3.29 ng
RT: 24.050 min Scan# 3525
Delta R.T. -0.011 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Tgt Ion:252 Resp: 78194
Ion Ratio Lower Upper
252 100
253 25.5 18.7 28.1
125 6.3 6.5 9.7#





#90
Benzo(a)pyrene
Concen: 2.63 ng
RT: 24.954 min Scan# 3679
Delta R.T. -0.017 min
Lab File: BG048481.D
Acq: 23 Mar 2021 22:33

Instrument :
BNA_G
ClientSampleId :
SB-2B1-(3.0-3.5)

Tgt Ion:	252	Resp:	56943
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	7.8	7.0	10.4

