

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
 Data File : BG048478.D
 Acq On : 23 Mar 2021 20:32
 Operator : CG/JU
 Sample : M1555-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2B

Quant Time: Mar 24 02:20:44 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)

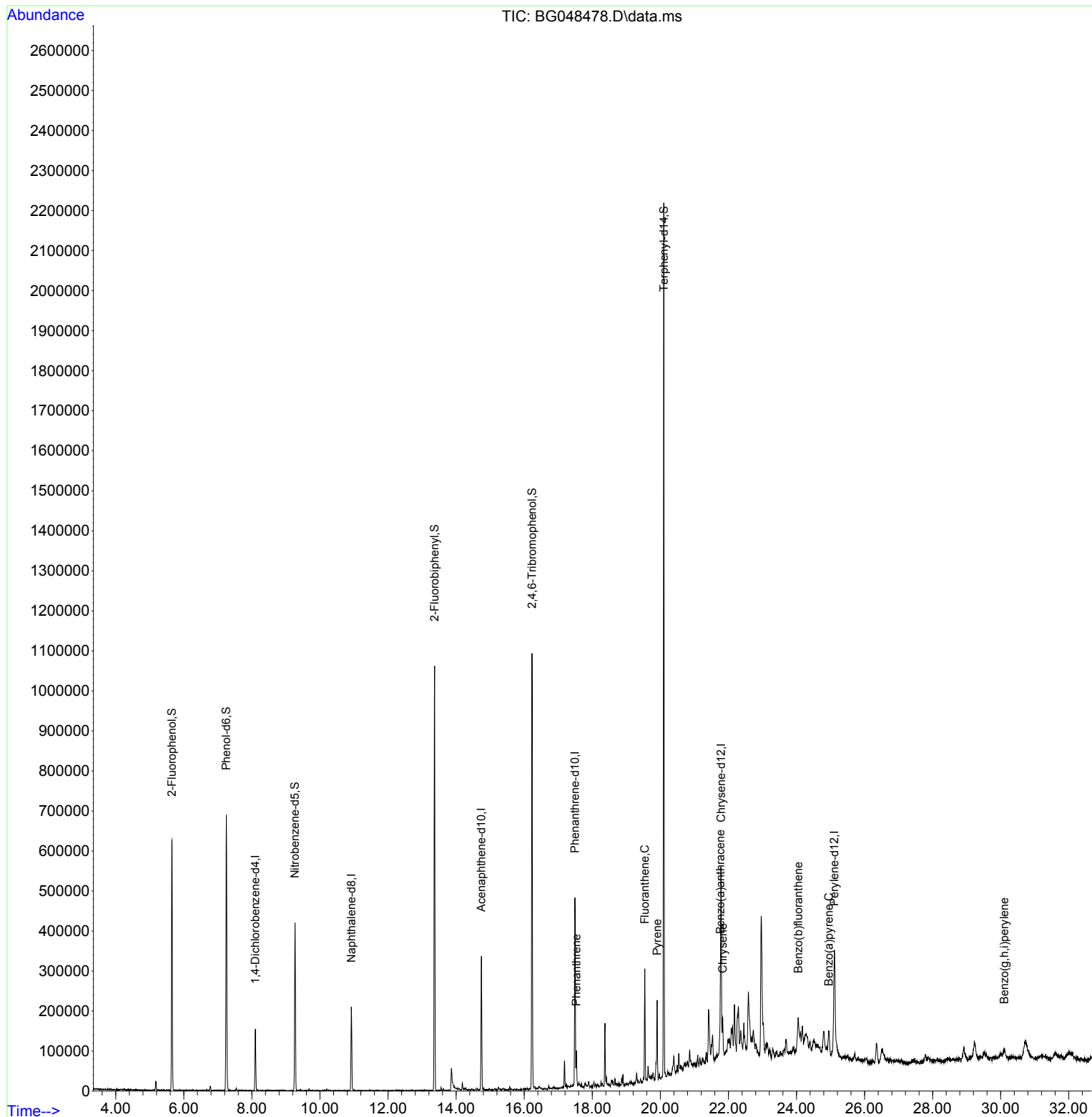
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	37872	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	162475	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	116730	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	278605	20.00	ng	# 0.00
76) Chrysene-d12	21.781	240	270396	20.00	ng	#-0.01
86) Perylene-d12	25.112	264	277154	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	245222	107.08	ng	0.00
7) Phenol-d6	7.251	99	338375	101.54	ng	0.00
23) Nitrobenzene-d5	9.266	82	256879	63.22	ng	0.00
42) 2,4,6-Tribromophenol	16.229	330	197075	103.81	ng	0.00
45) 2-Fluorobiphenyl	13.367	172	521537	64.27	ng	0.00
79) Terphenyl-d14	20.101	244	927715	61.87	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.533	178	48998	3.33	ng	97
75) Fluoranthene	19.543	202	165183	8.43	ng	93
78) Pyrene	19.907	202	129229	6.96	ng	95
81) Benzo(a)anthracene	21.763	228	55014	2.93	ng	94
83) Chrysene	21.834	228	67997	3.78	ng	96
88) Benzo(b)fluoranthene	24.049	252	99335	5.09	ng	93
90) Benzo(a)pyrene	24.948	252	64058	3.60	ng	94
92) Benzo(g,h,i)perylene	30.101	276	49109	2.81	ng	# 94

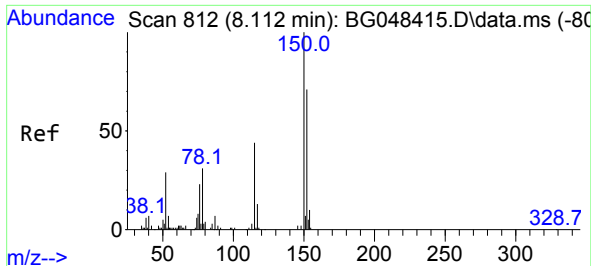
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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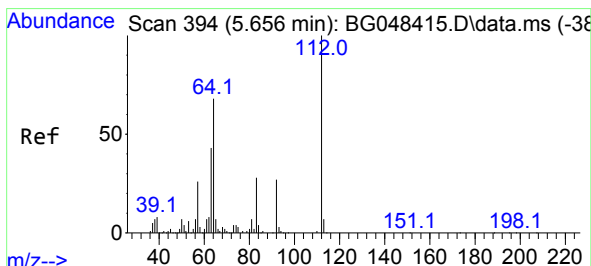
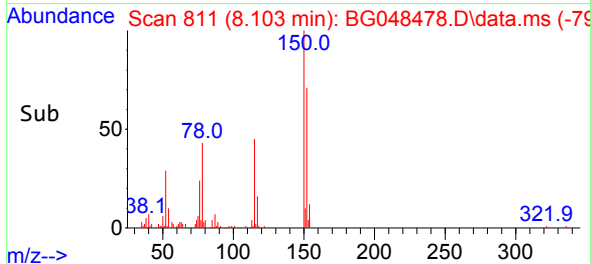
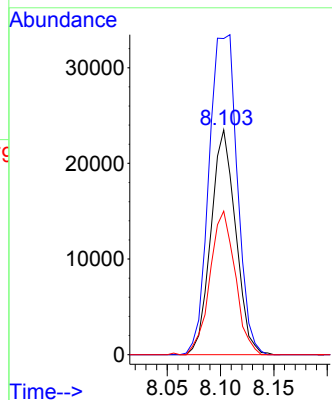
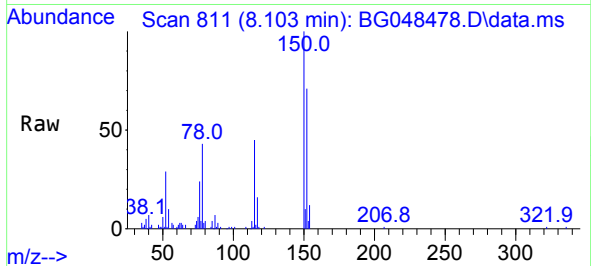




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

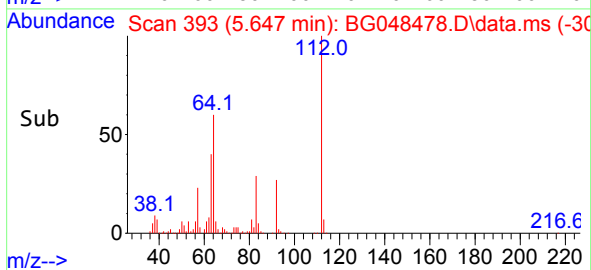
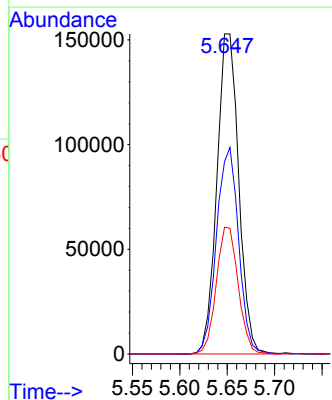
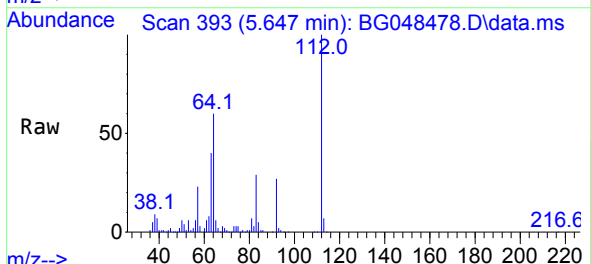
Instrument :
BNA_G
ClientSampled :
B2B

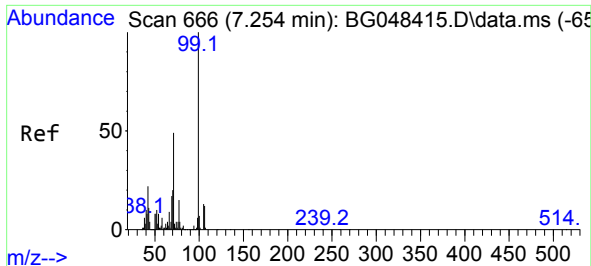
Tgt Ion:152 Resp: 37872
Ion Ratio Lower Upper
152 100
150 140.7 125.0 187.6
115 63.9 41.8 62.6#



#5
2-Fluorophenol
Concen: 107.08 ng
RT: 5.647 min Scan# 393
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:112 Resp: 245222
Ion Ratio Lower Upper
112 100
64 60.1 46.7 70.1
63 39.6 22.8 34.2#

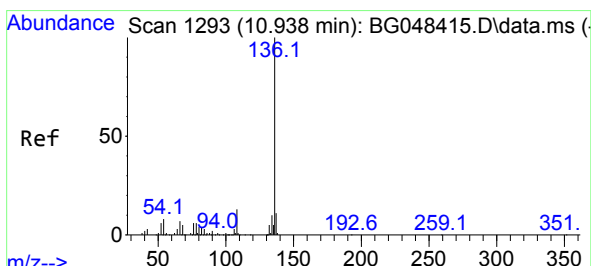
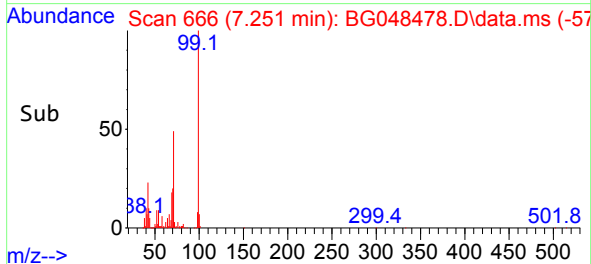
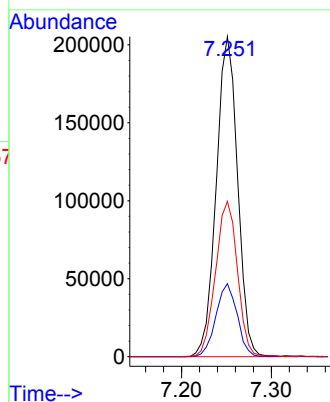
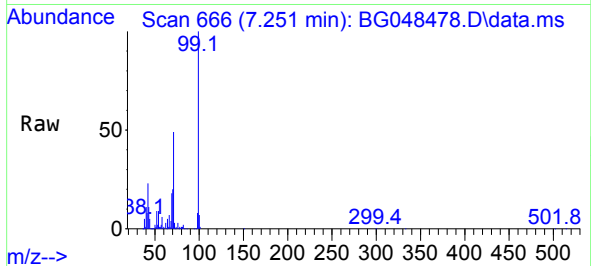




#7
Phenol-d6
Concen: 101.54 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

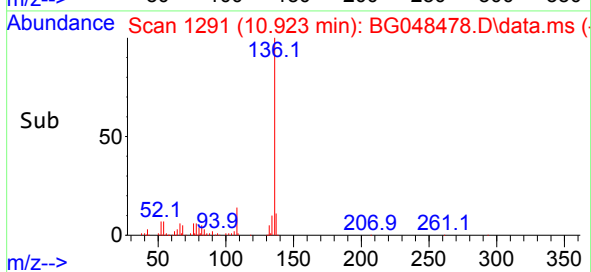
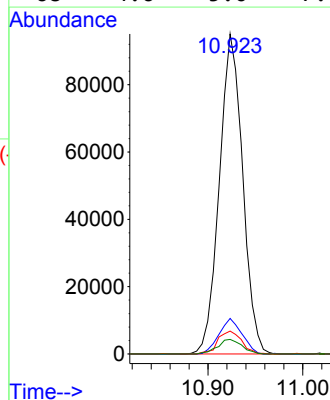
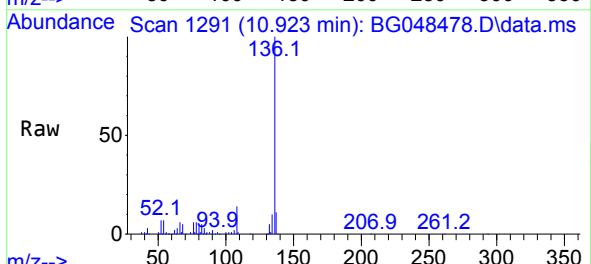
Instrument :
BNA_G
ClientSampled :
B2B

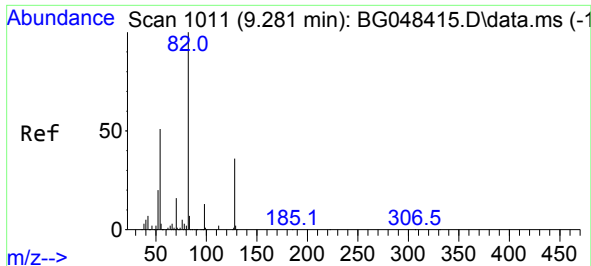
Tgt Ion: 99 Resp: 338375
Ion Ratio Lower Upper
99 100
42 22.8 12.8 19.2#
71 48.5 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:136 Resp: 162475
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.1 6.2 9.4
68 4.6 5.0 7.4#

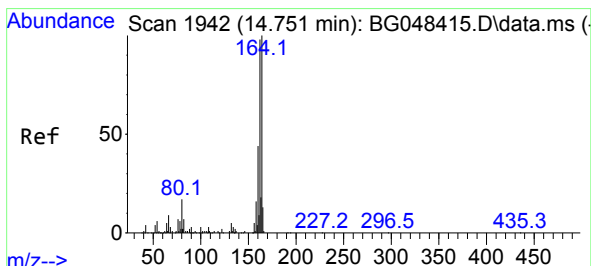
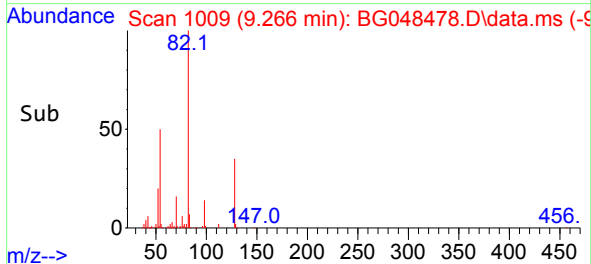
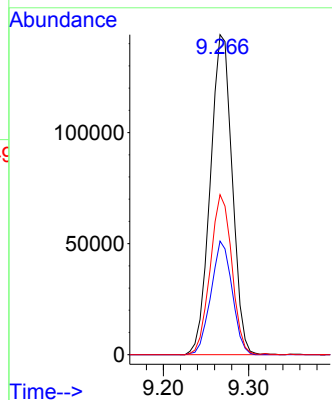
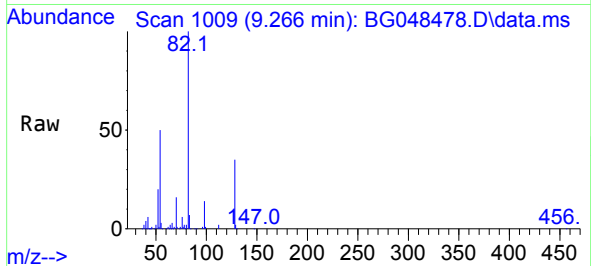




#23
Nitrobenzene-d5
Concen: 63.22 ng
RT: 9.266 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

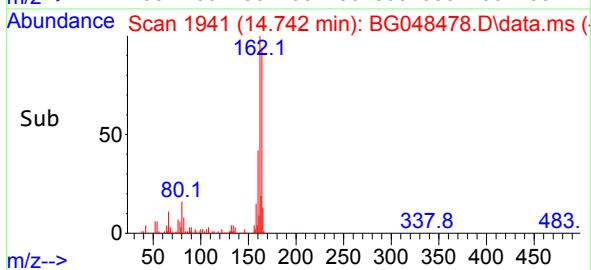
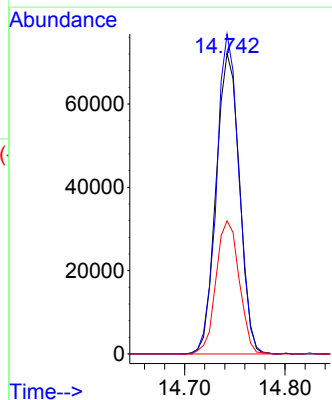
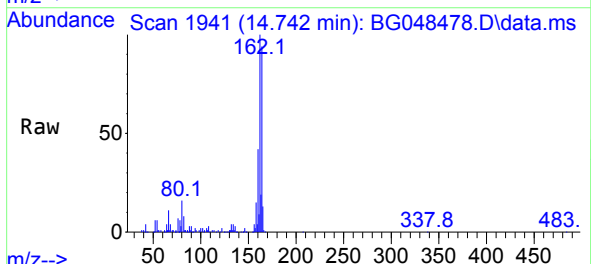
Instrument :
BNA_G
ClientSampled :
B2B

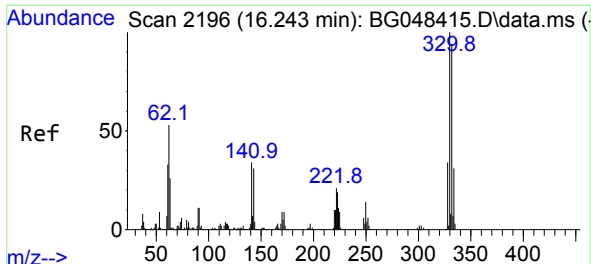
Tgt Ion: 82 Resp: 256879
Ion Ratio Lower Upper
82 100
128 35.5 37.0 55.6#
54 50.0 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:164 Resp: 116730
Ion Ratio Lower Upper
164 100
162 106.4 82.3 123.5
160 44.3 35.3 52.9

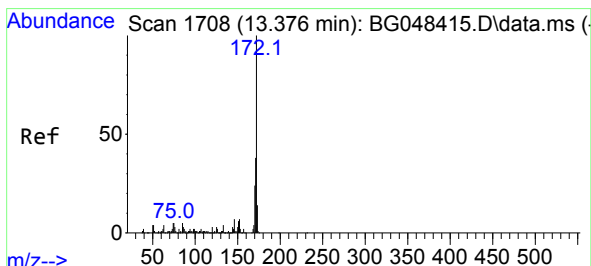
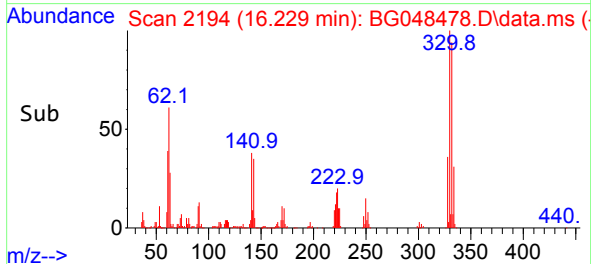
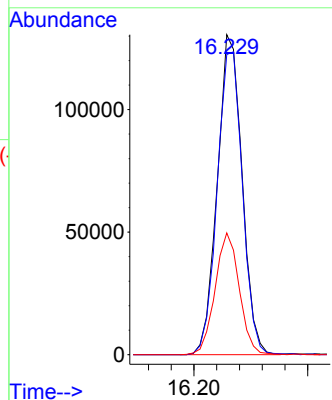
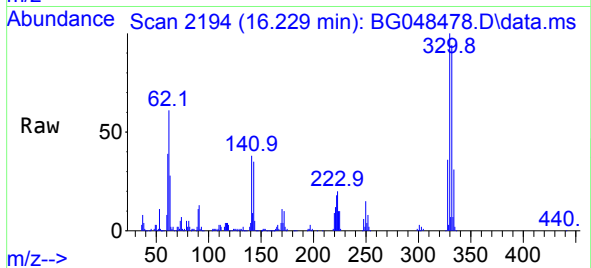




#42
2,4,6-Tribromophenol
Concen: 103.81 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

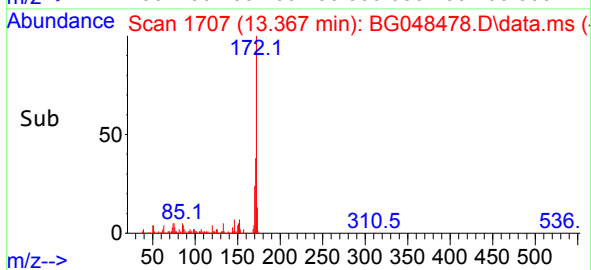
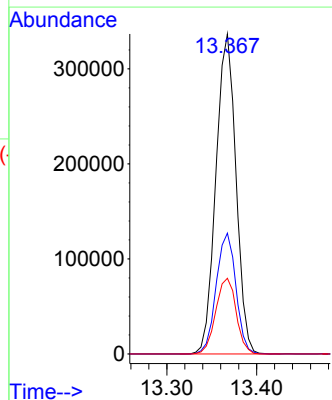
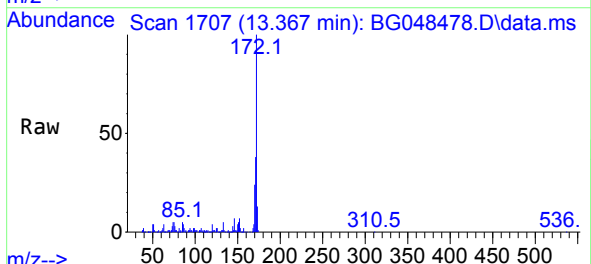
Instrument :
BNA_G
ClientSampled :
B2B

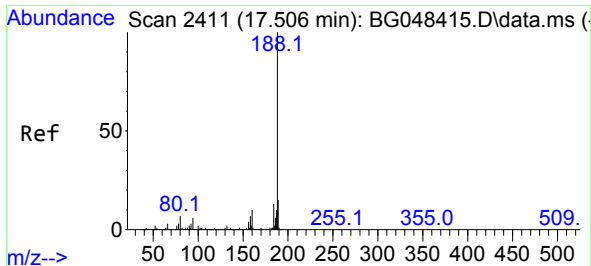
Tgt Ion:330 Resp: 197075
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 37.2 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 64.27 ng
RT: 13.367 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:172 Resp: 521537
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 23.6 20.8 31.2

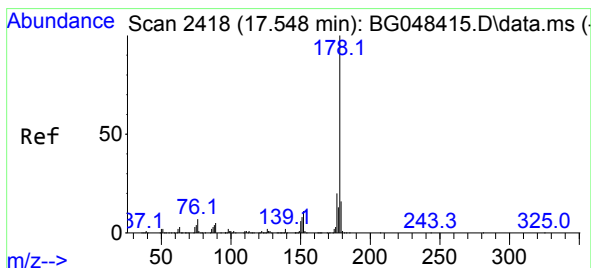
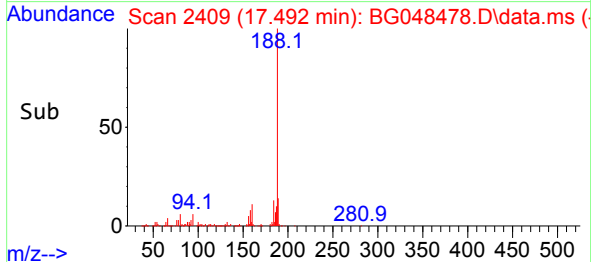
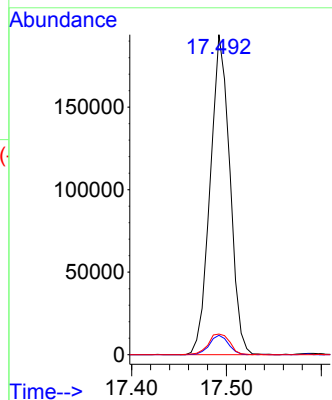
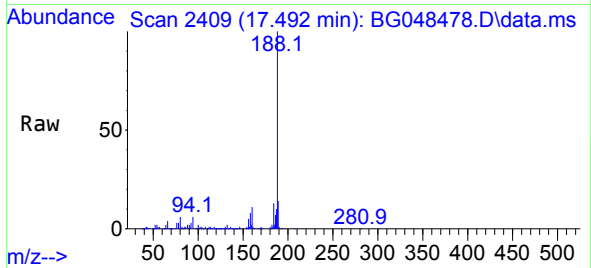




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

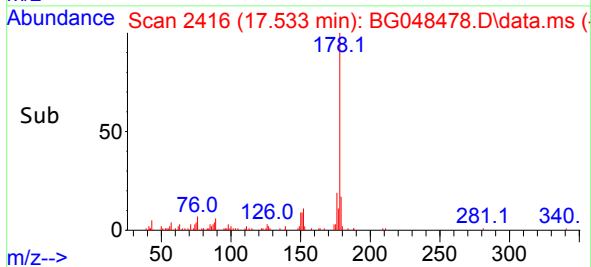
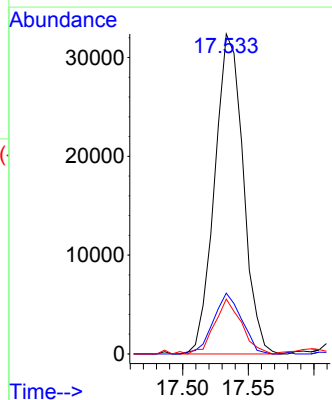
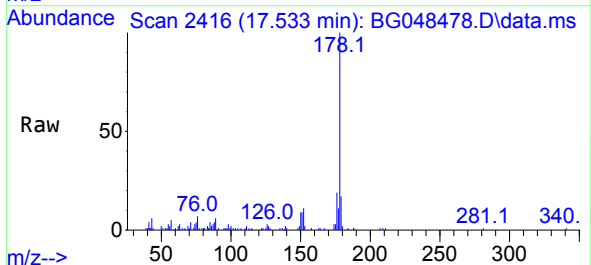
Instrument :
BNA_G
ClientSampled :
B2B

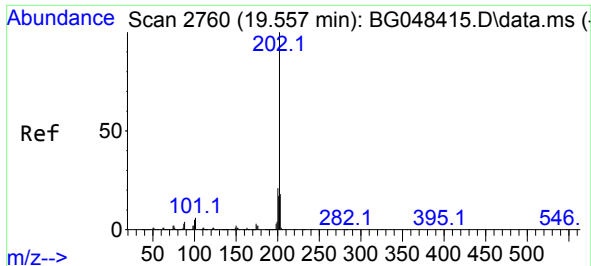
Tgt Ion:188 Resp: 278605
Ion Ratio Lower Upper
188 100
94 6.1 6.3 9.5#
80 6.4 7.0 10.6#



#71
Phenanthrene
Concen: 3.33 ng
RT: 17.533 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:178 Resp: 48998
Ion Ratio Lower Upper
178 100
176 19.0 16.7 25.1
179 17.2 14.0 21.0

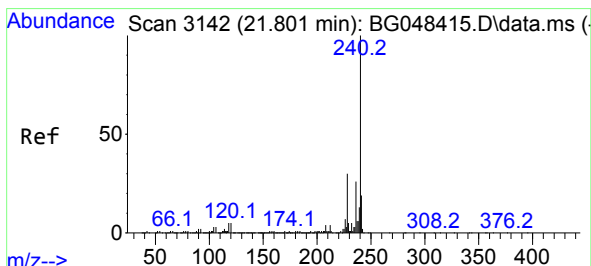
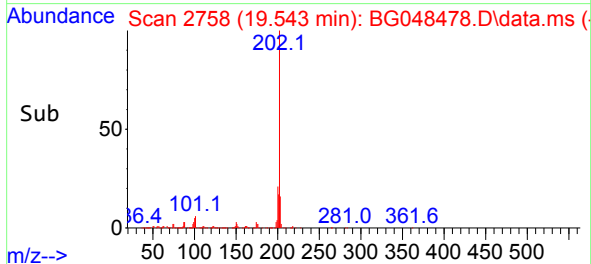
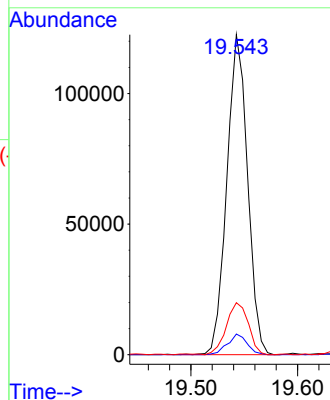
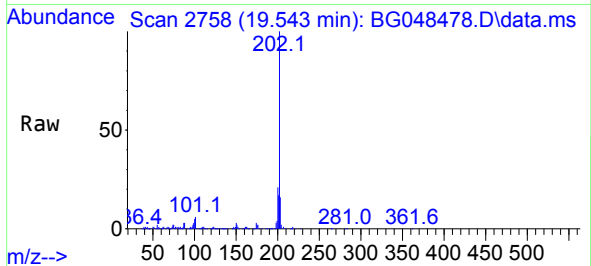




#75
Fluoranthene
Concen: 8.43 ng
RT: 19.543 min Scan# 2758
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

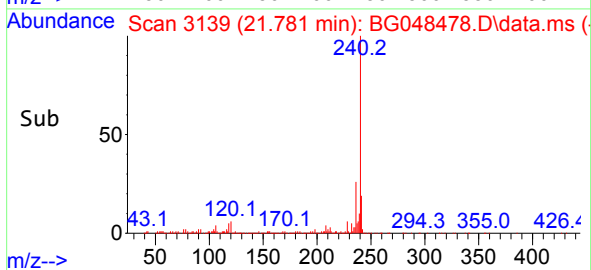
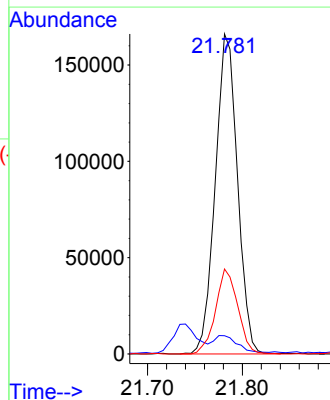
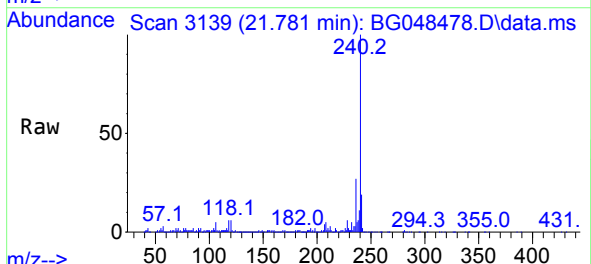
Instrument :
BNA_G
ClientSampled :
B2B

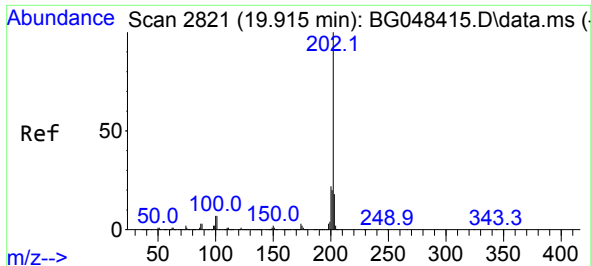
Tgt Ion:202 Resp: 165183
Ion Ratio Lower Upper
202 100
101 6.5 0.0 29.7
203 16.2 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:240 Resp: 270396
Ion Ratio Lower Upper
240 100
120 5.7 6.2 9.4#
236 26.6 20.5 30.7

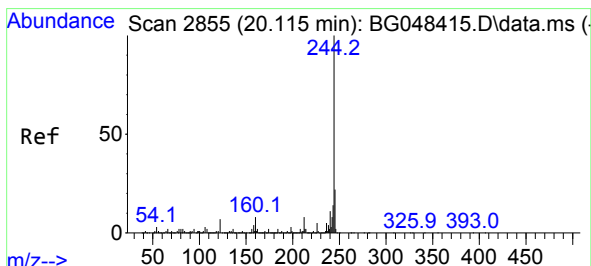
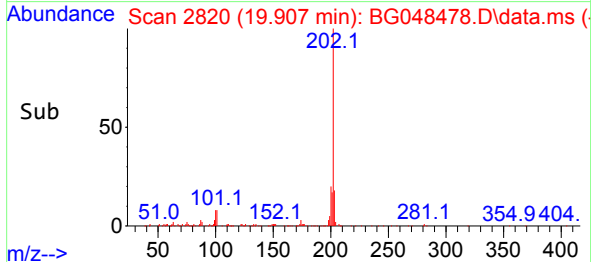
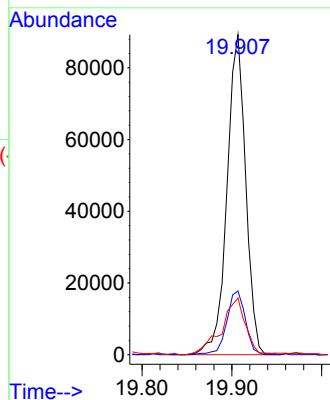
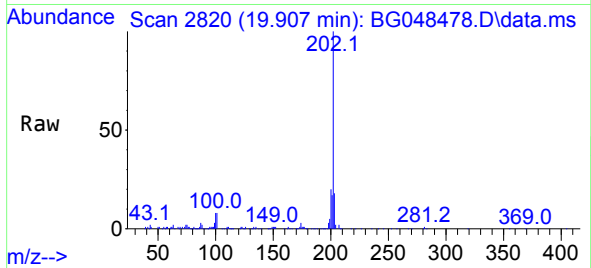




#78
Pyrene
Concen: 6.96 ng
RT: 19.907 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

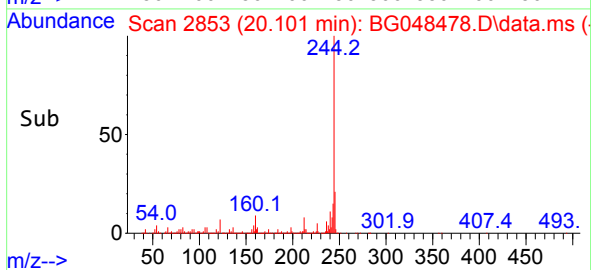
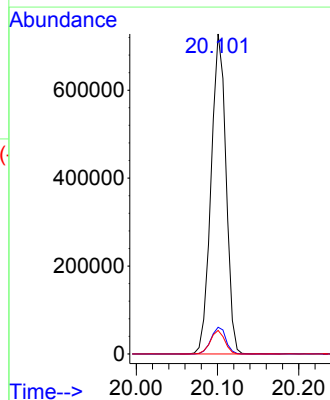
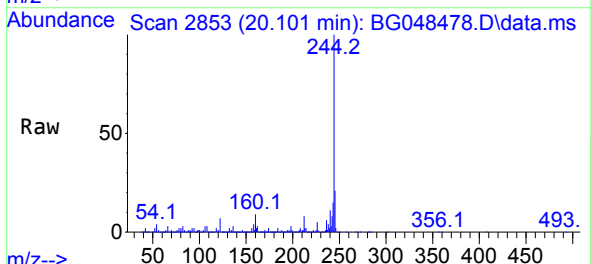
Instrument :
BNA_G
ClientSampled :
B2B

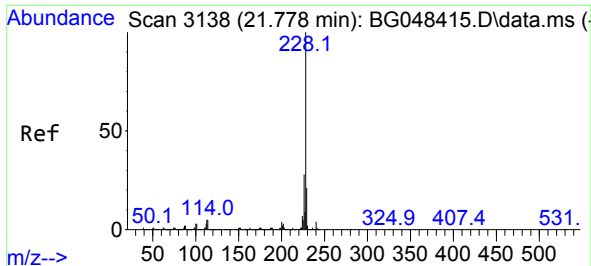
Tgt Ion:	202	Resp:	129229
Ion Ratio	Lower	Upper	
202	100		
200	19.9	18.6	27.8
203	17.7	15.3	22.9



#79
Terphenyl-d14
Concen: 61.87 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:	244	Resp:	927715
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.7	10.1
122	7.4	7.8	11.6#

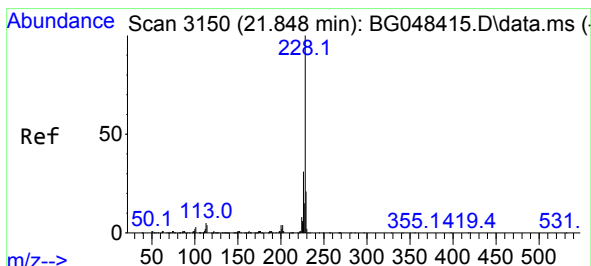
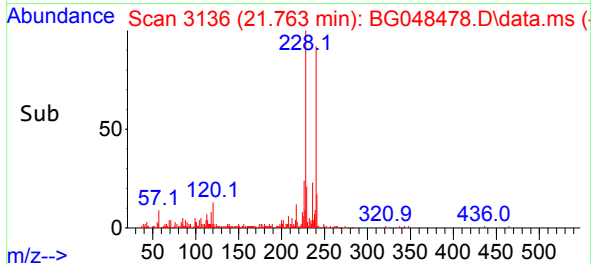
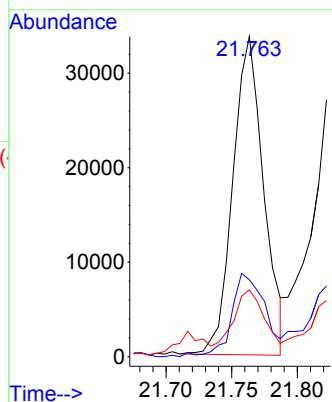
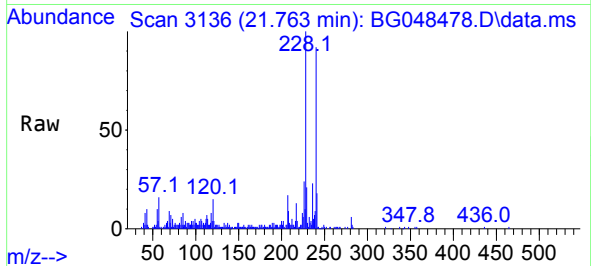




#81
Benzo(a)anthracene
Concen: 2.93 ng
RT: 21.763 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

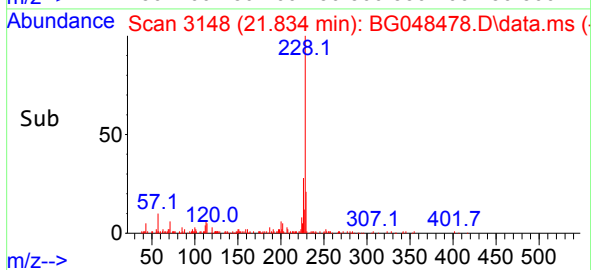
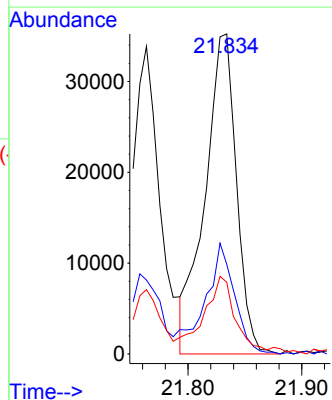
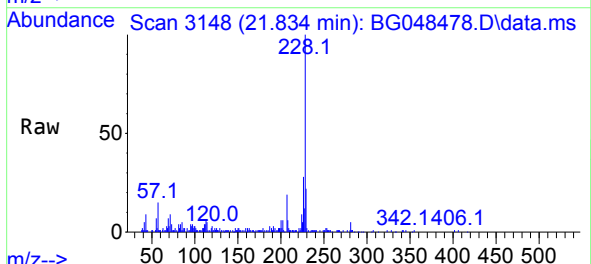
Instrument :
BNA_G
ClientSampled :
B2B

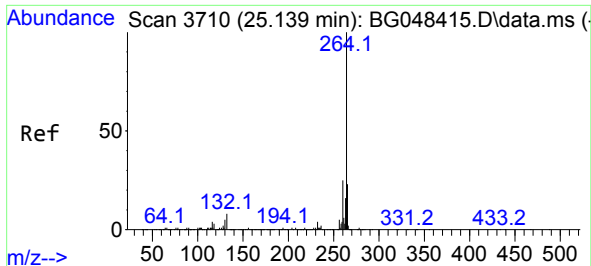
Tgt Ion:228 Resp: 55014
Ion Ratio Lower Upper
228 100
226 24.0 23.3 34.9
229 20.9 17.4 26.0



#83
Chrysene
Concen: 3.78 ng
RT: 21.834 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:228 Resp: 67997
Ion Ratio Lower Upper
228 100
226 28.0 25.0 37.4
229 22.4 17.3 25.9



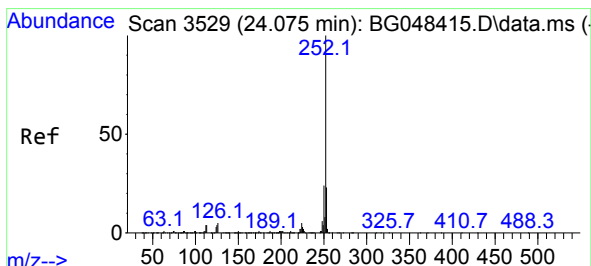
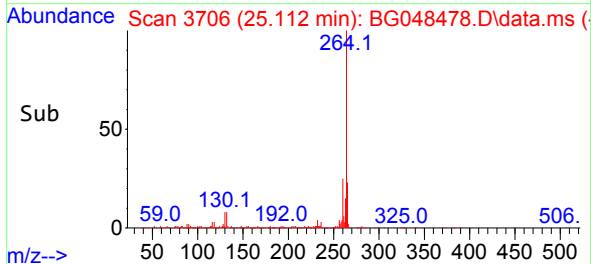
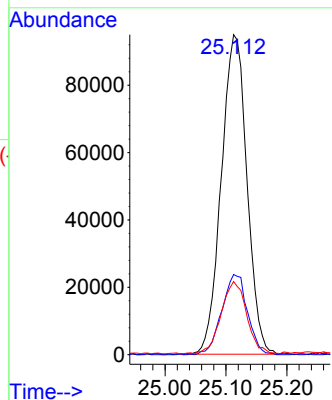
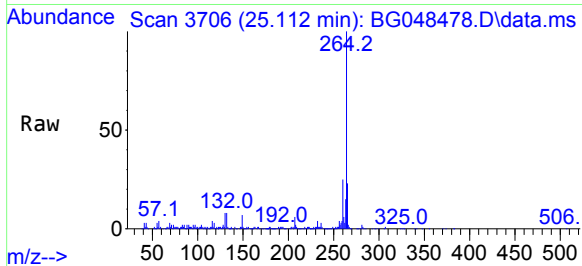


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.112 min Scan# 3706
Delta R.T. -0.011 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Instrument :
BNA_G
ClientSampled :
B2B

Tgt Ion:264 Resp: 277154

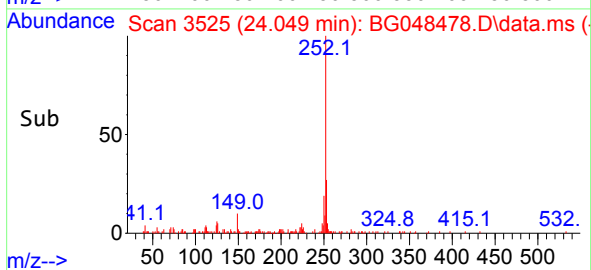
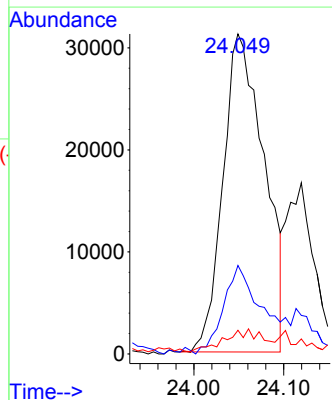
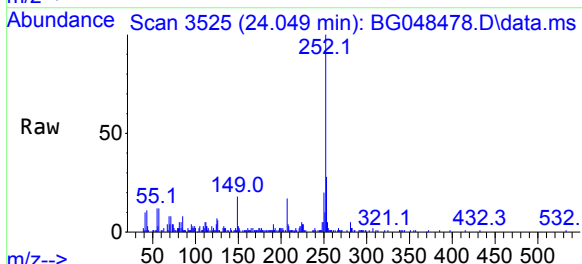
Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.8	28.2
265	22.8	17.8	26.8

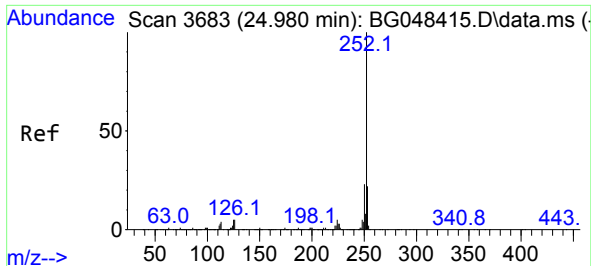


#88
Benzo(b)fluoranthene
Concen: 5.09 ng
RT: 24.049 min Scan# 3525
Delta R.T. -0.011 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:252 Resp: 99335

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.7	28.1
125	7.4	6.5	9.7

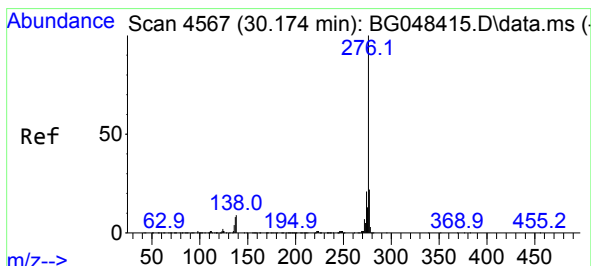
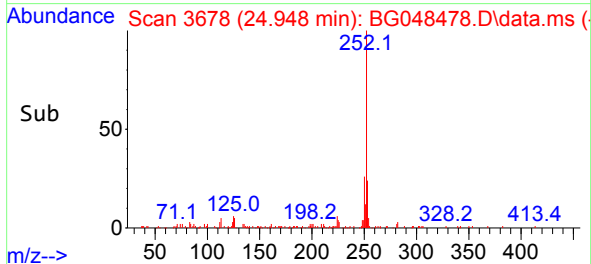
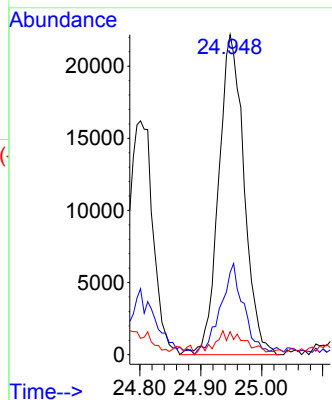
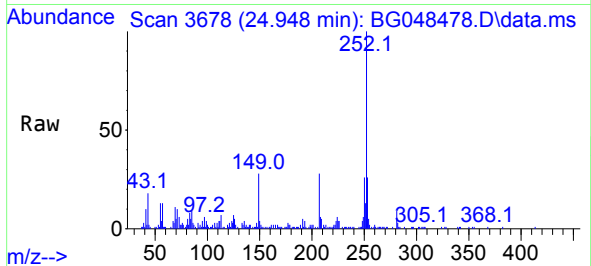




#90
Benzo(a)pyrene
Concen: 3.60 ng
RT: 24.948 min Scan# 3678
Delta R.T. -0.023 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Instrument :
BNA_G
ClientSampled :
B2B

Tgt Ion:252 Resp: 64058
Ion Ratio Lower Upper
252 100
253 25.7 17.9 26.9
125 7.2 7.0 10.4



#92
Benzo(g,h,i)perylene
Concen: 2.81 ng
RT: 30.101 min Scan# 4555
Delta R.T. -0.047 min
Lab File: BG048478.D
Acq: 23 Mar 2021 20:32

Tgt Ion:276 Resp: 49109
Ion Ratio Lower Upper
276 100
277 23.5 19.6 29.4
138 12.1 13.4 20.2#

