

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031122\
 Data File : BG052654.D
 Acq On : 11 Mar 2022 19:32
 Operator : CG/JU
 Sample : N1845-08 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-8

Quant Time: Mar 12 06:17:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 06:37:54 2022
 Response via : Initial Calibration

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

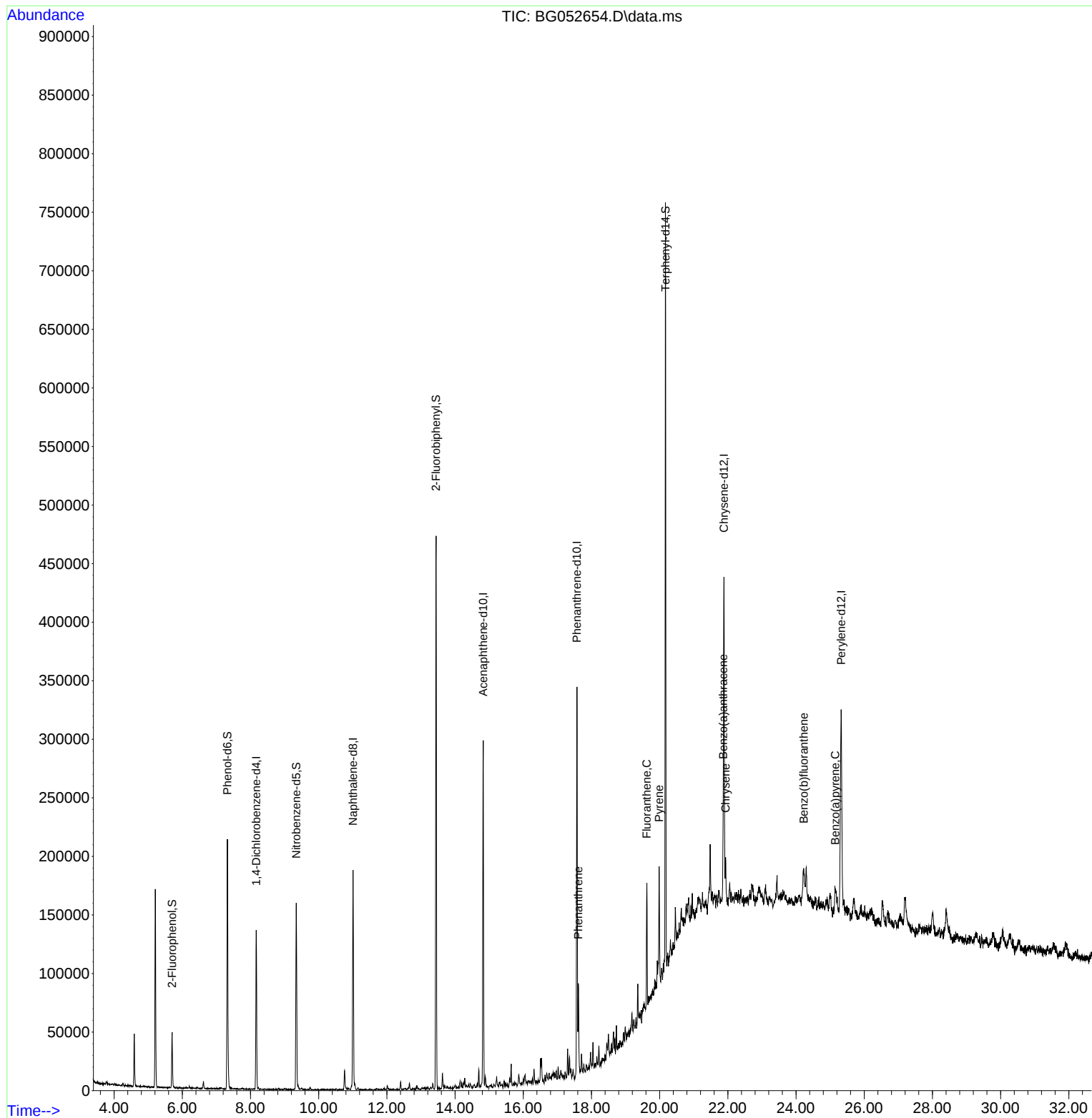
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	40020	20.000	ng	0.00
21) Naphthalene-d8	11.007	136	161307	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	106663	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	210572	20.000	ng	0.00
76) Chrysene-d12	21.886	240	176924	20.000	ng	0.00
86) Perylene-d12	25.323	264	187531	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	22144	9.559	ng	0.00
7) Phenol-d6	7.323	99	132640	39.561	ng	0.00
23) Nitrobenzene-d5	9.344	82	107308	30.157	ng	0.00
42) 2,4,6-Tribromophenol	16.311	330	2294	1.516	ng	0.00
45) 2-Fluorobiphenyl	13.444	172	263867	33.391	ng	0.00
79) Terphenyl-d14	20.171	244	342494	34.255	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.615	178	47328	4.284	ng	97
75) Fluoranthene	19.624	202	71764	5.202	ng	100
78) Pyrene	19.983	202	60630	5.127	ng	96
81) Benzo(a)anthracene	21.862	228	29338	2.475	ng	# 94
83) Chrysene	21.933	228	28705	2.590	ng	# 93
88) Benzo(b)fluoranthene	24.224	252	35667	3.080	ng	# 88
90) Benzo(a)pyrene	25.152	252	27055	2.762	ng	# 86

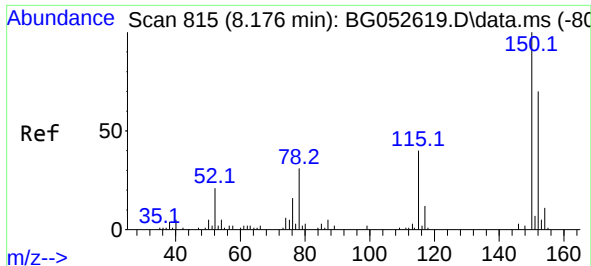
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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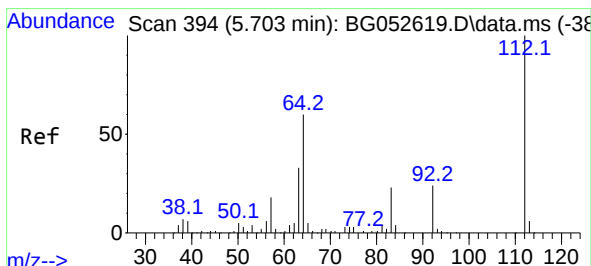
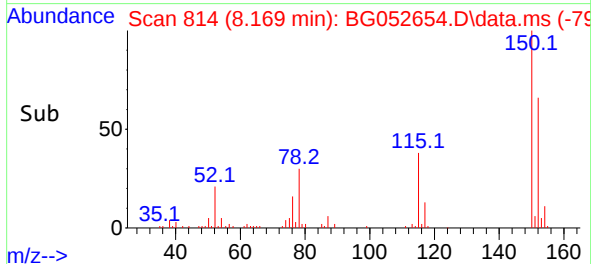
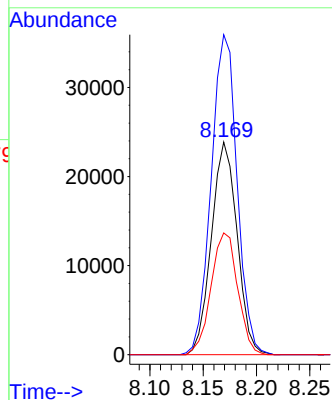
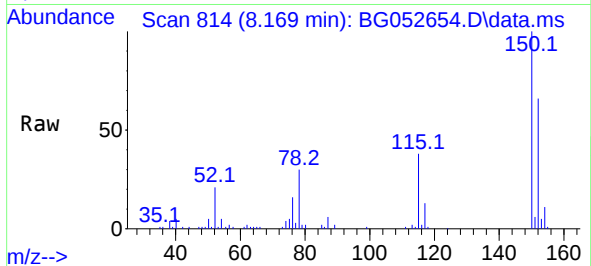




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.169 min Scan# 815
Delta R.T. -0.007 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

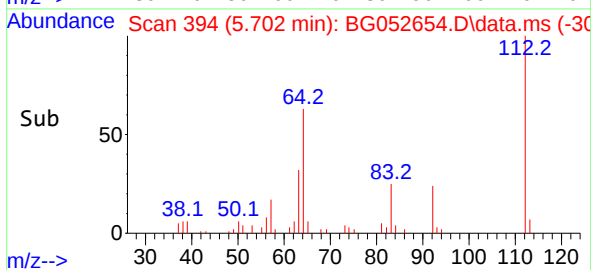
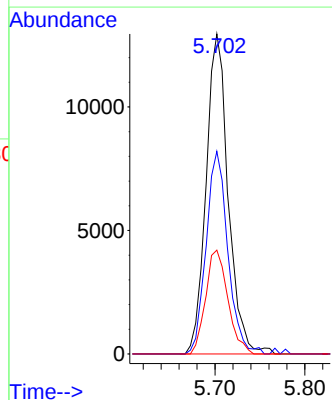
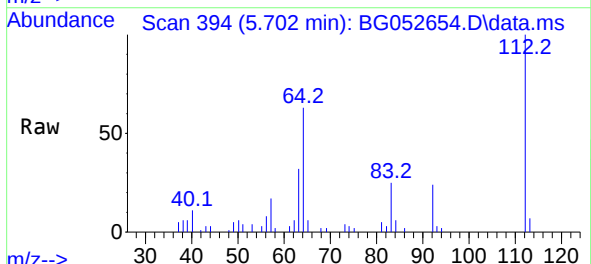
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

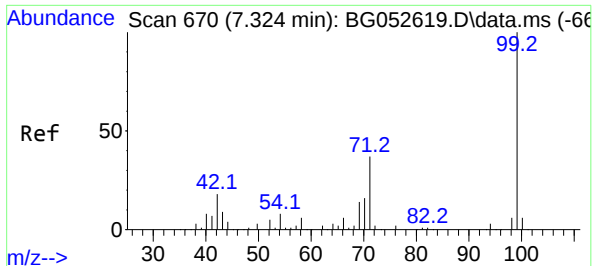
Tgt Ion:152 Resp: 40020
Ion Ratio Lower Upper
152 100
150 150.5 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 9.559 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:112 Resp: 22144
Ion Ratio Lower Upper
112 100
64 63.3 48.0 72.0
63 32.5 26.5 39.7

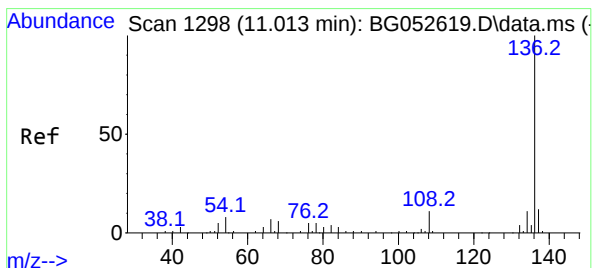
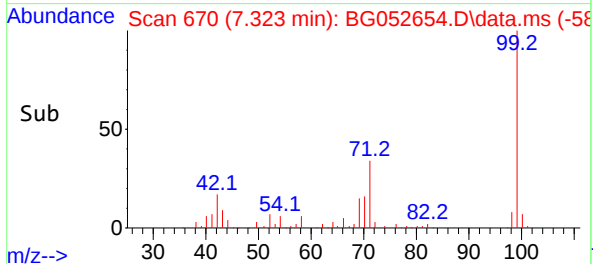
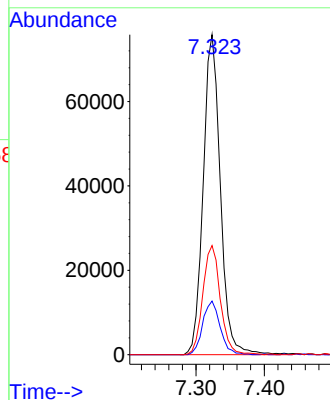
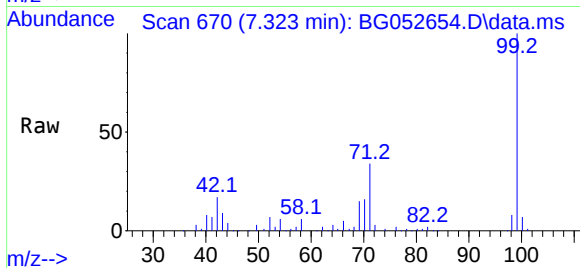




#7
Phenol-d6
Concen: 39.561 ng
RT: 7.323 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

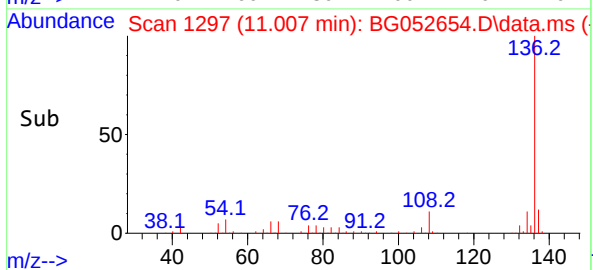
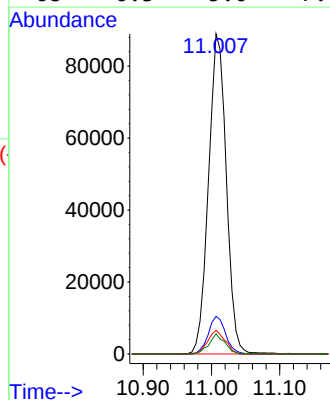
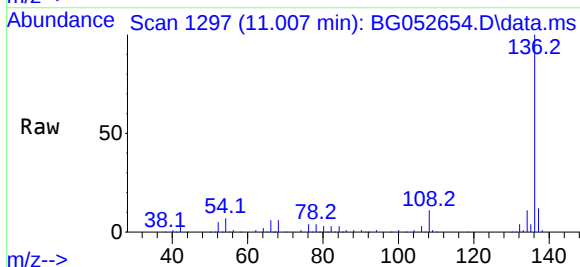
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

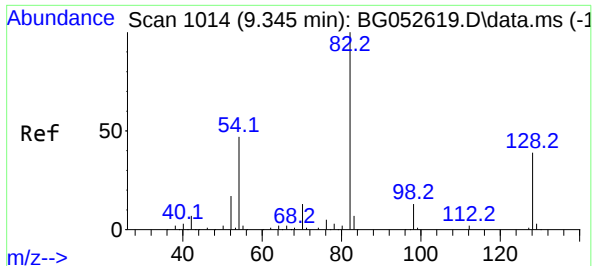
Tgt Ion: 99 Resp: 132640
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 34.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.007 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:136 Resp: 161307
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 7.4 6.4 9.6
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 30.157 ng

RT: 9.344 min Scan# 1014

Delta R.T. -0.001 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

Instrument :

BNA_G

ClientSampleId :

SAMPLE-8

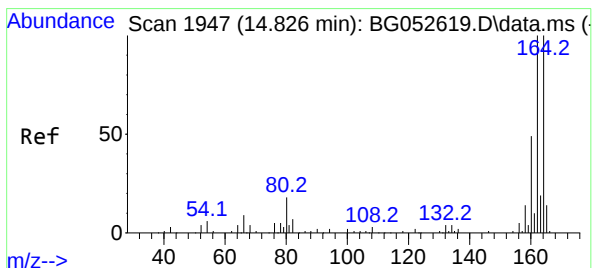
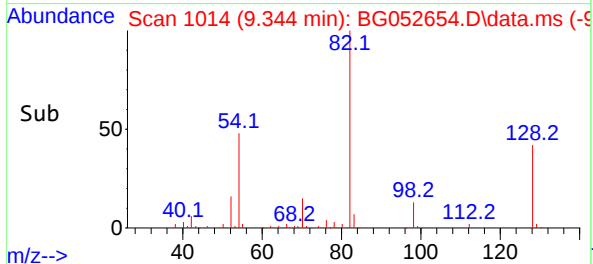
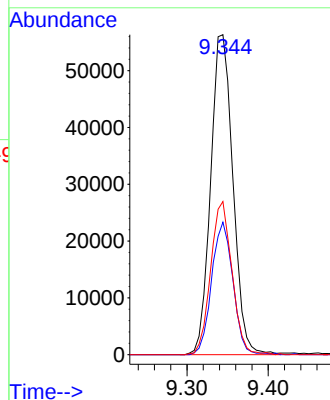
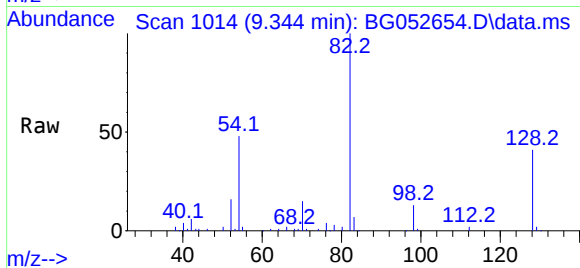
Tgt Ion: 82 Resp: 107308

Ion Ratio Lower Upper

82 100

128 41.4 31.3 46.9

54 47.8 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.825 min Scan# 1947

Delta R.T. -0.001 min

Lab File: BG052654.D

Acq: 11 Mar 2022 19:32

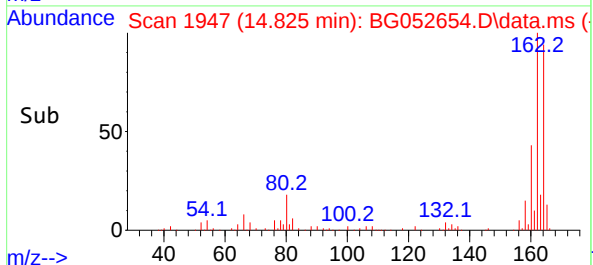
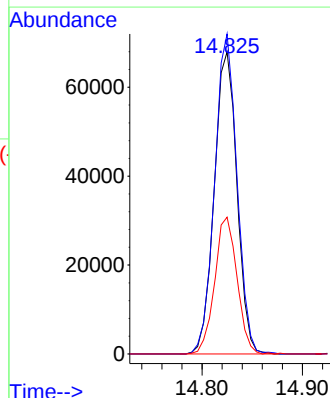
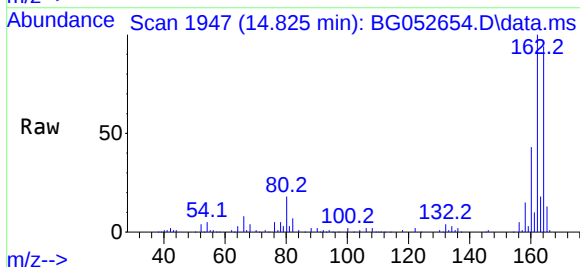
Tgt Ion:164 Resp: 106663

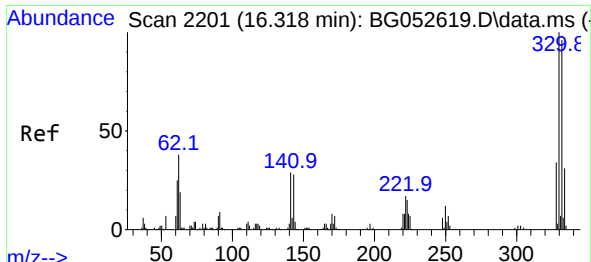
Ion Ratio Lower Upper

164 100

162 105.9 80.0 120.0

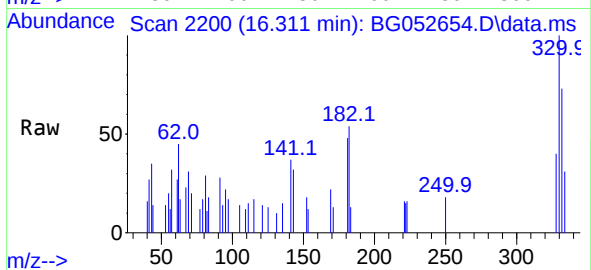
160 45.3 38.8 58.2



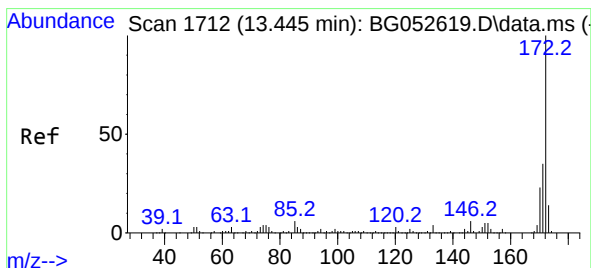
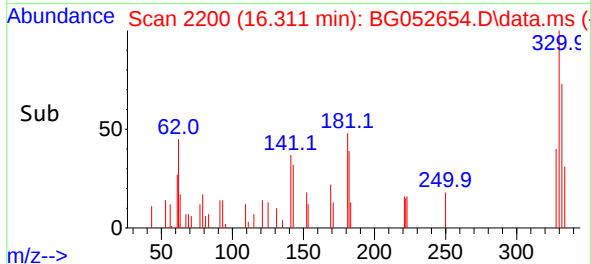
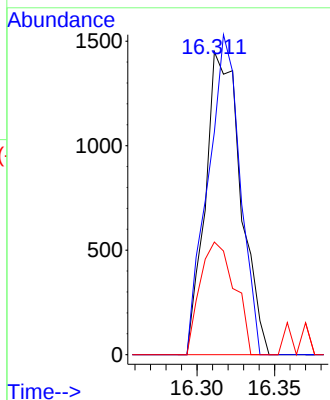


#42
2,4,6-Tribromophenol
Concen: 1.516 ng
RT: 16.311 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

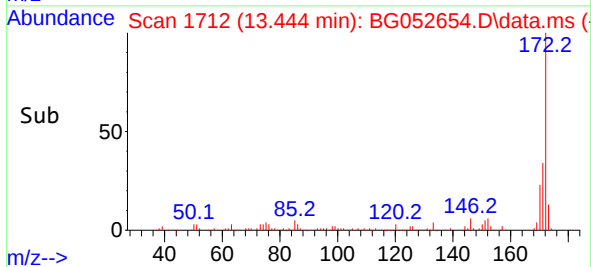
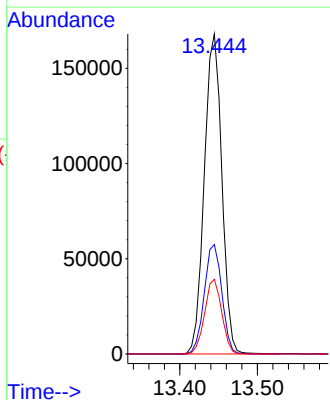
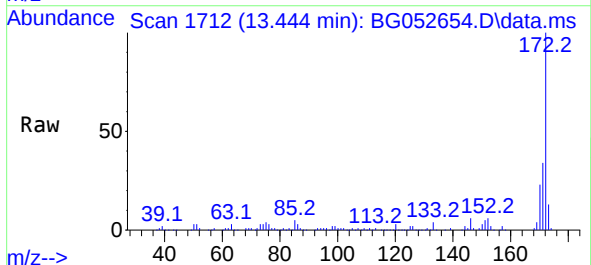


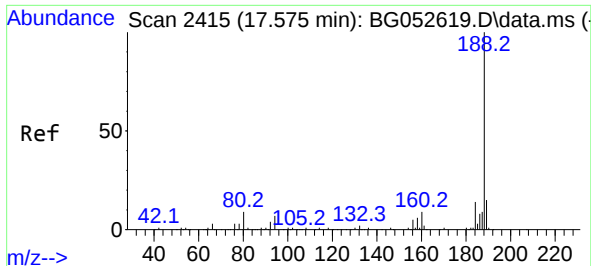
Tgt Ion:330 Resp: 2294
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 36.3 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 33.391 ng
RT: 13.444 min Scan# 1712
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:172 Resp: 263867
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.4 18.0 27.0

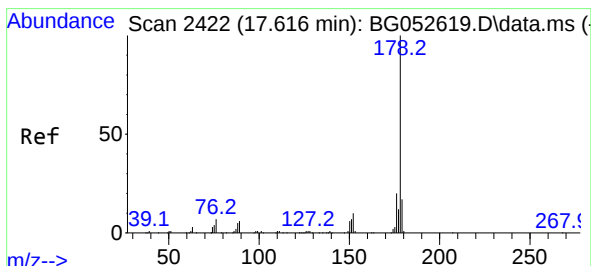
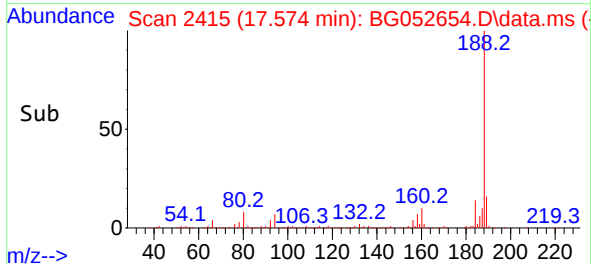
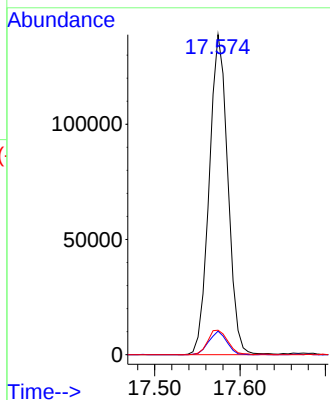
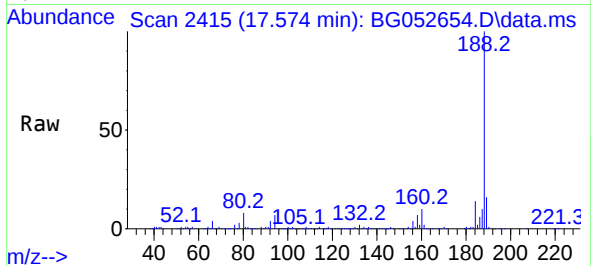




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2415
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

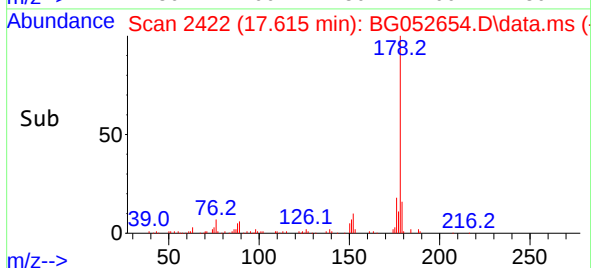
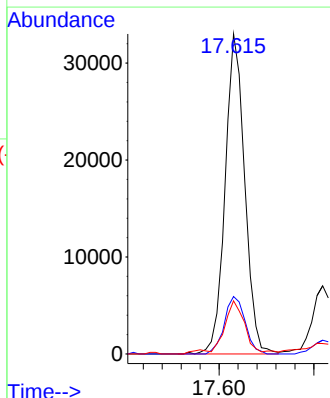
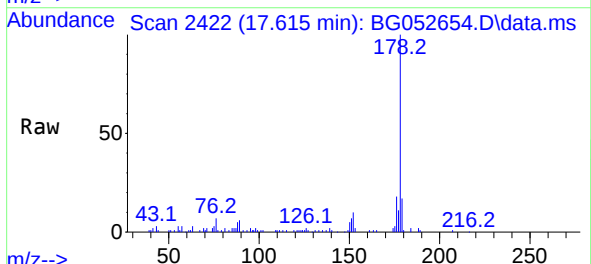
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BNA_G
ClientSampleId :
SAMPLE-8

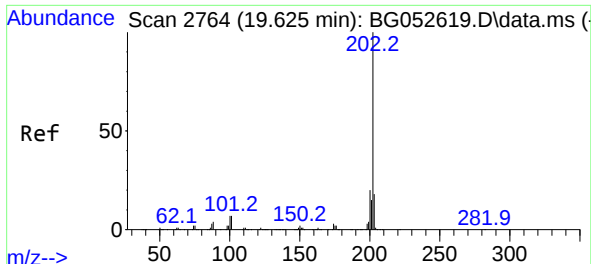
Tgt Ion:188 Resp: 210572
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.7 7.2 10.8



#71
Phenanthrene
Concen: 4.284 ng
RT: 17.615 min Scan# 2422
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:178 Resp: 47328
Ion Ratio Lower Upper
178 100
176 17.9 15.9 23.9
179 16.6 13.4 20.2

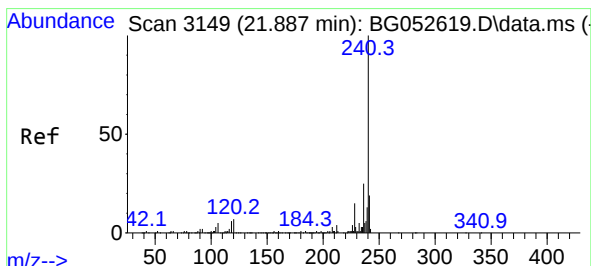
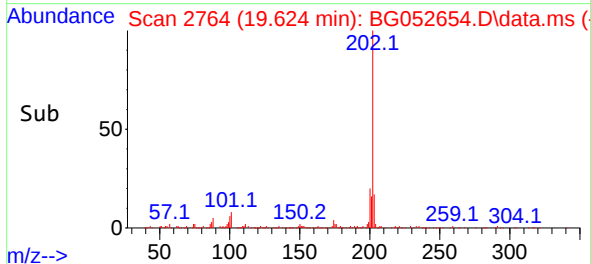
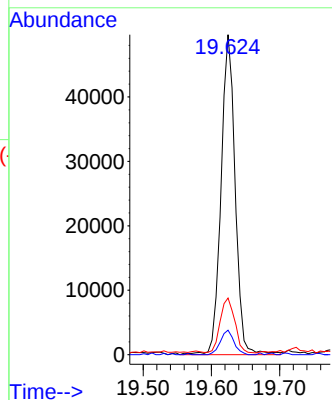
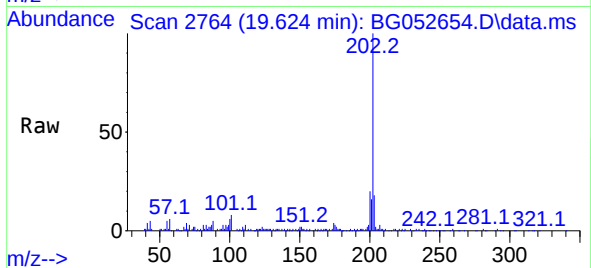




#75
Fluoranthene
Concen: 5.202 ng
RT: 19.624 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

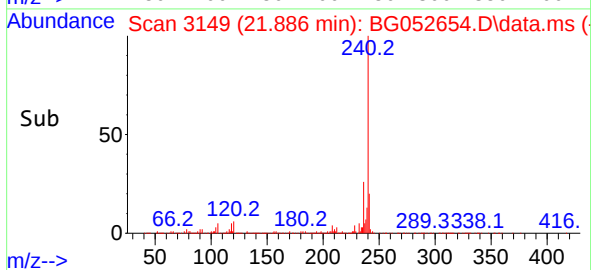
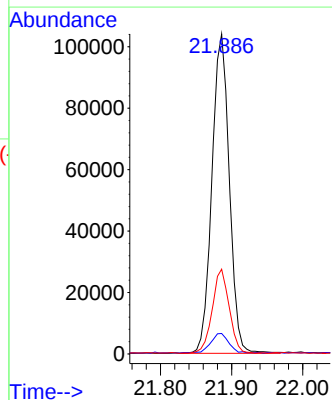
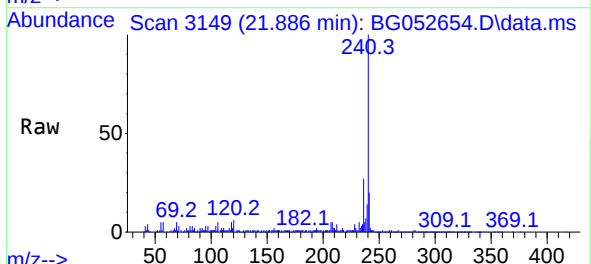
Instrument :
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SAMPLE-8

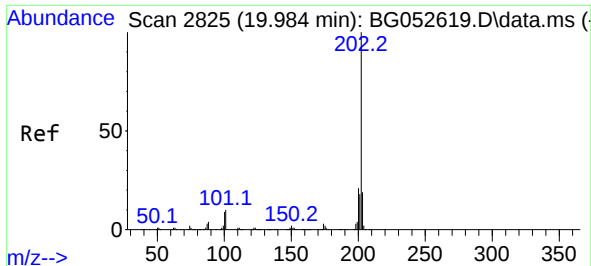
Tgt Ion:	202	Resp:	71764
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.3
203	17.7	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:	240	Resp:	176924
Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.4	8.0
236	26.5	19.8	29.6

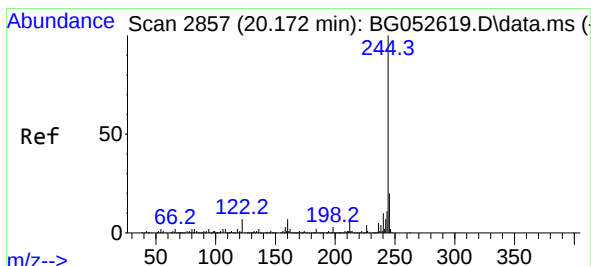
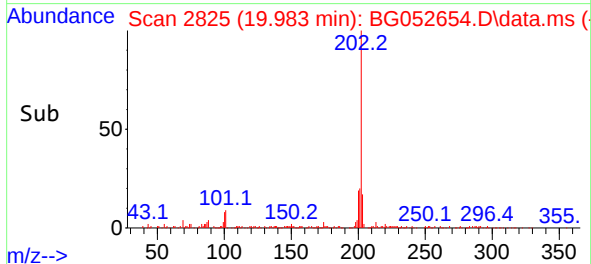
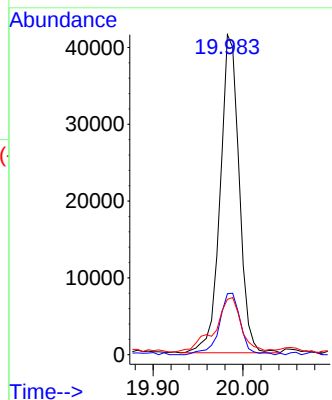
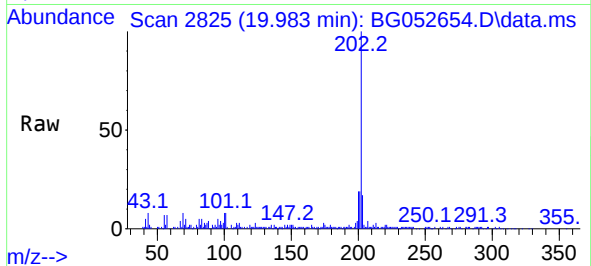




#78
Pyrene
Concen: 5.127 ng
RT: 19.983 min Scan# 2825
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

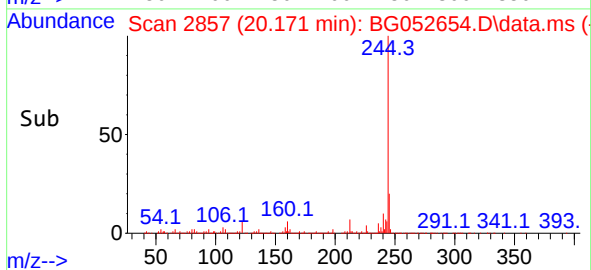
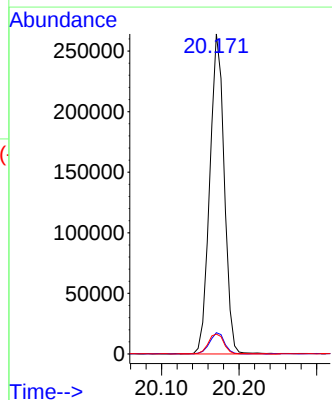
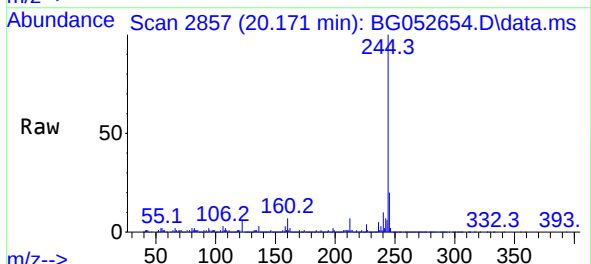
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

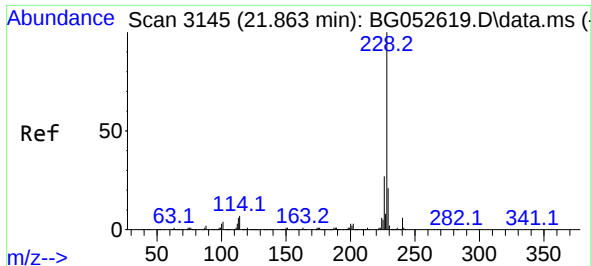
Tgt Ion:	202	Resp:	60630
Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.0	25.6
203	17.3	15.0	22.6



#79
Terphenyl-d14
Concen: 34.255 ng
RT: 20.171 min Scan# 2857
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:	244	Resp:	342494
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	6.2	5.8	8.6

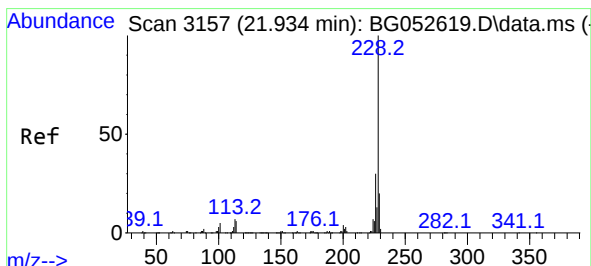
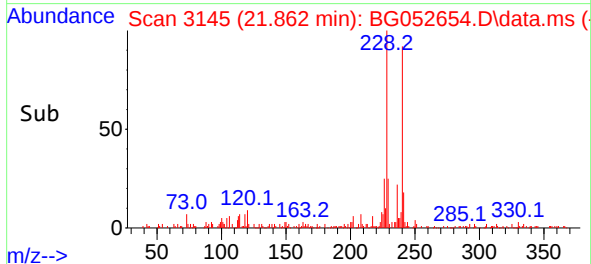
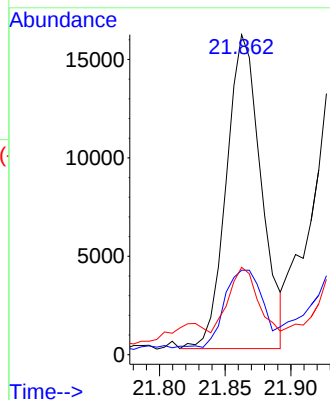
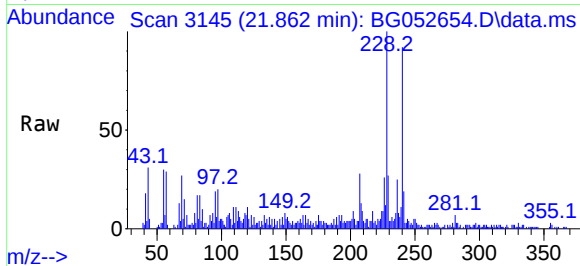




#81
Benzo(a)anthracene
Concen: 2.475 ng
RT: 21.862 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

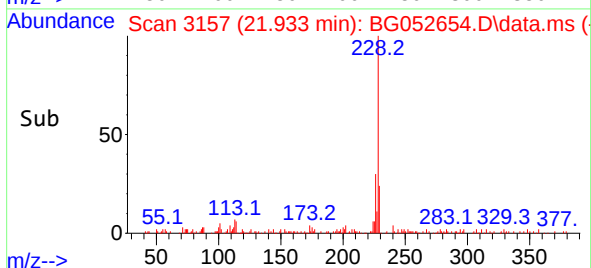
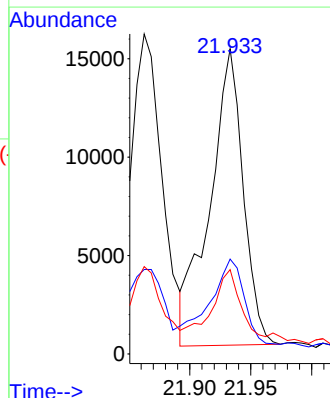
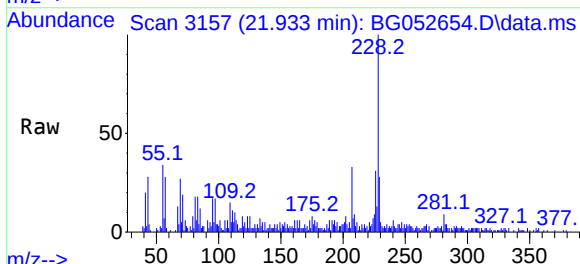
Instrument :
BNA_G
ClientSampleId :
SAMPLE-8

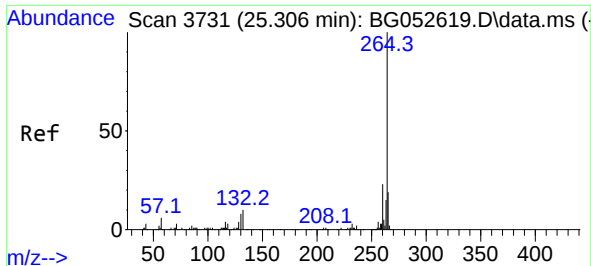
Tgt Ion:228 Resp: 29338
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 27.3 16.7 25.1#



#83
Chrysene
Concen: 2.590 ng
RT: 21.933 min Scan# 3157
Delta R.T. -0.001 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Tgt Ion:228 Resp: 28705
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 27.6 16.3 24.5#

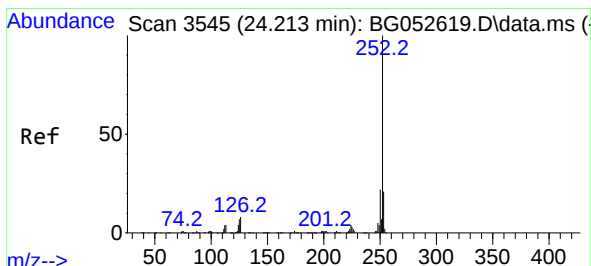
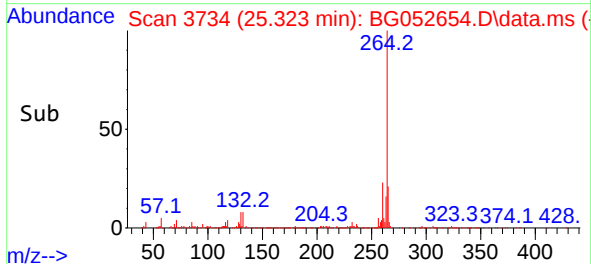
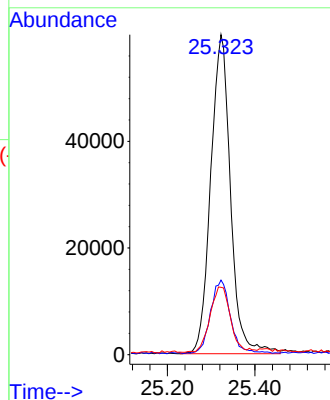
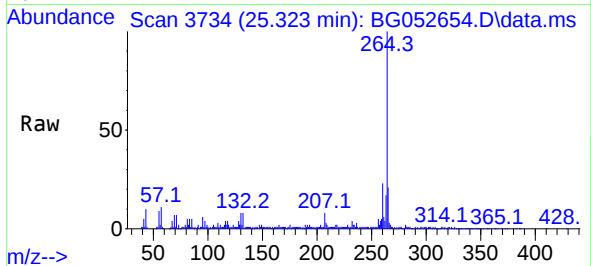




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.323 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BG052654.D
 Acq: 11 Mar 2022 19:32

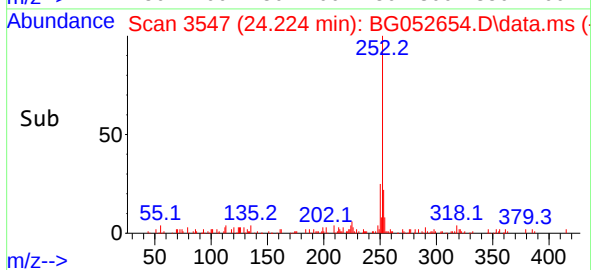
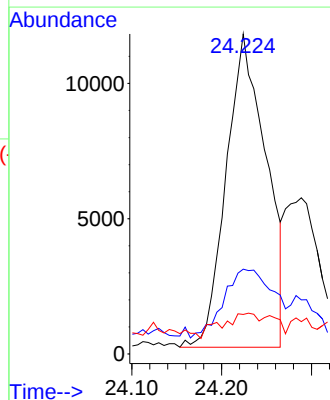
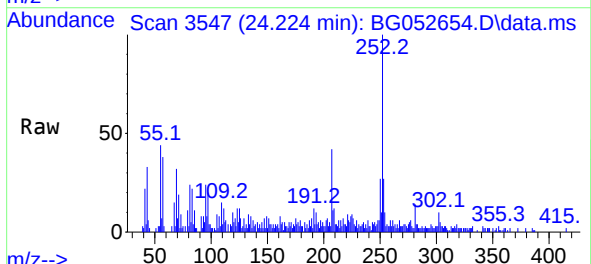
Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-8

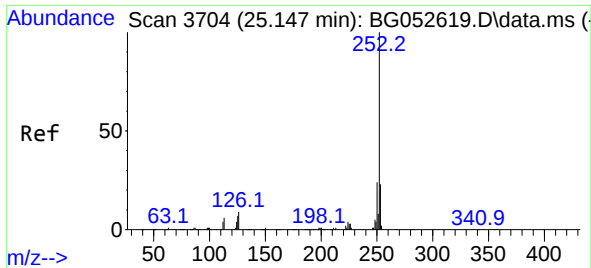
Tgt Ion:264 Resp: 187531
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.0 15.1 22.7



#88
 Benzo(b)fluoranthene
 Concen: 3.080 ng
 RT: 24.224 min Scan# 3547
 Delta R.T. 0.011 min
 Lab File: BG052654.D
 Acq: 11 Mar 2022 19:32

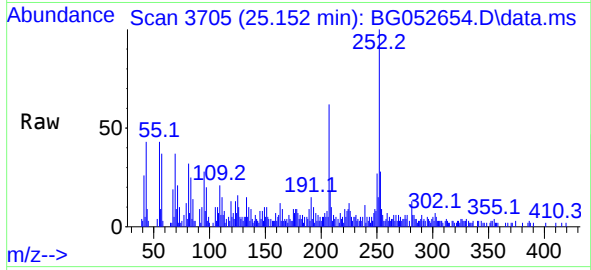
Tgt Ion:252 Resp: 35667
 Ion Ratio Lower Upper
 252 100
 253 26.5 17.2 25.8#
 125 12.3 5.2 7.8#





#90
Benzo(a)pyrene
Concen: 2.762 ng
RT: 25.152 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG052654.D
Acq: 11 Mar 2022 19:32

Instrument :
BNA_G
ClientSampleId :
SAMPLE-8



Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.4	27.6#
125	15.7	5.6	8.4#

