

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062822\
 Data File : BG054136.D
 Acq On : 29 Jun 2022 3:20
 Operator : CG/JU
 Sample : N3503-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-062422

Quant Time: Jun 29 04:11:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

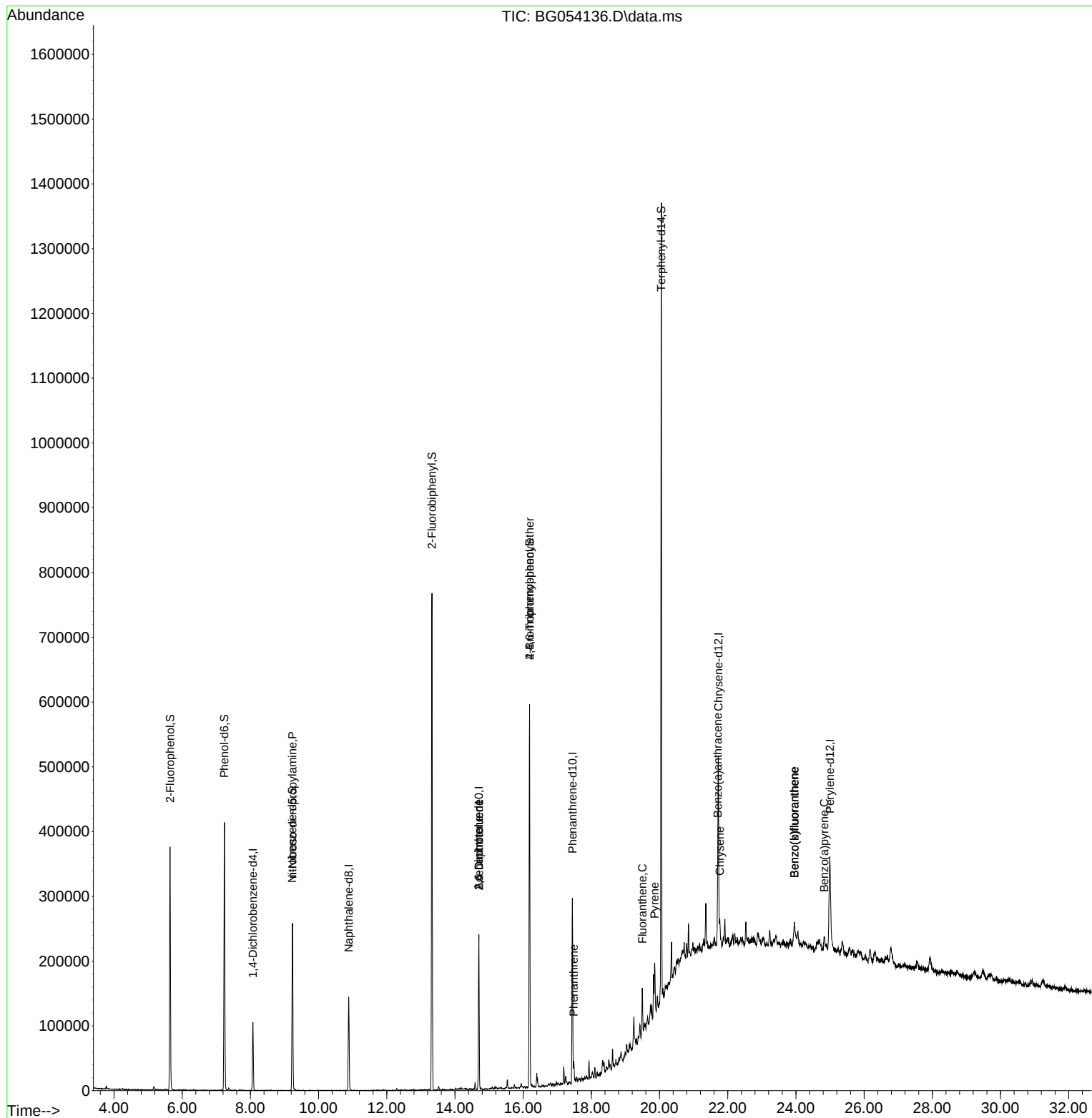
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	33408	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	135156	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	91075	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	198725	20.000	ng	0.00
76) Chrysene-d12	21.722	240	194928	20.000	ng	0.00
86) Perylene-d12	24.995	264	185376	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	185286	106.038	ng	0.00
7) Phenol-d6	7.239	99	254739	107.466	ng	0.00
23) Nitrobenzene-d5	9.231	82	165112	68.652	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	142013	97.051	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	451028	72.013	ng	0.00
79) Terphenyl-d14	20.053	244	703802	72.720	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.236	70	22492	14.124	ng	# 83
51) 2,6-Dinitrotoluene	14.701	165	12940	9.234	ng	# 17
57) 2,4-Dinitrotoluene	14.701	165	12940	6.538	ng	# 22
67) 4-Bromophenyl-phenylether	16.187	248	9231	3.719	ng	# 1
71) Phenanthrene	17.486	178	21657	2.121	ng	96
75) Fluoranthene	19.495	202	51632	3.852	ng	96
78) Pyrene	19.853	202	49861	4.235	ng	95
81) Benzo(a)anthracene	21.704	228	30407	2.409	ng	# 86
83) Chrysene	21.769	228	31137	2.588	ng	# 89
88) Benzo(b)fluoranthene	23.955	252	41881	3.716	ng	# 78
89) Benzo(k)fluoranthene	23.955	252	41881	3.753	ng	# 79
90) Benzo(a)pyrene	24.836	252	27890	2.933	ng	# 78

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

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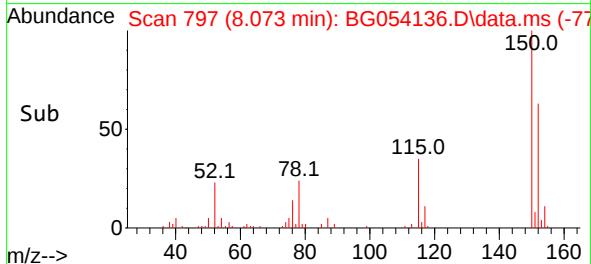
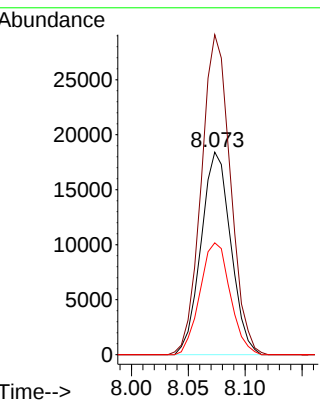
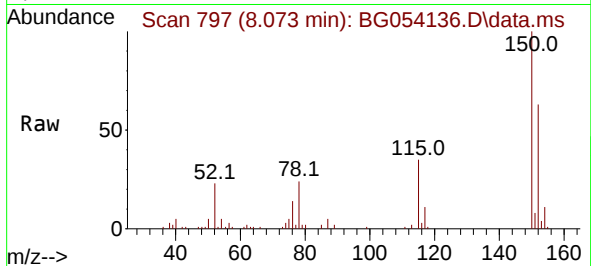




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.073 min Scan# 79
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

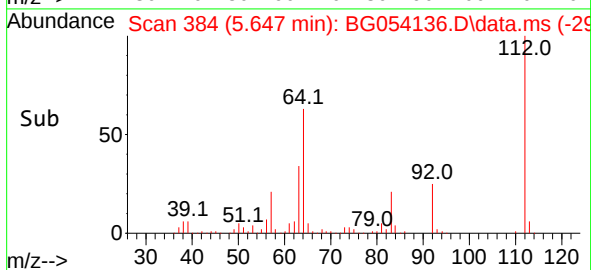
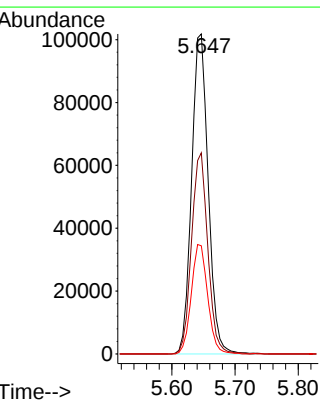
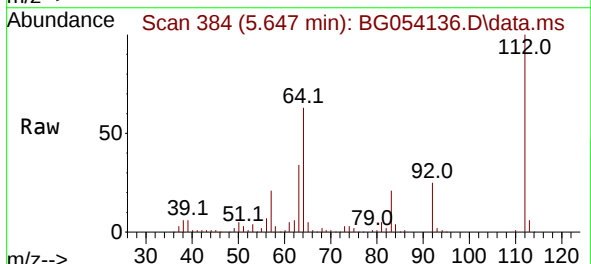
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

Tgt Ion:152 Resp: 33408
Ion Ratio Lower Upper
152 100
150 158.0 131.6 197.4
115 55.2 50.9 76.3



#5
2-Fluorophenol
Concen: 106.038 ng
RT: 5.647 min Scan# 384
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:112 Resp: 185286
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 33.8 30.4 45.6

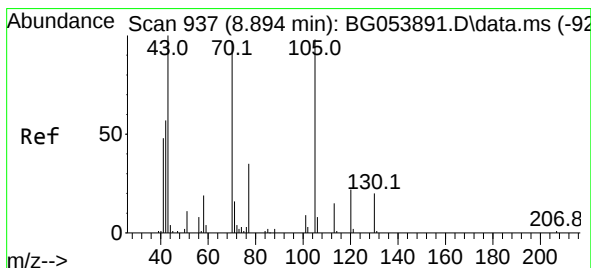
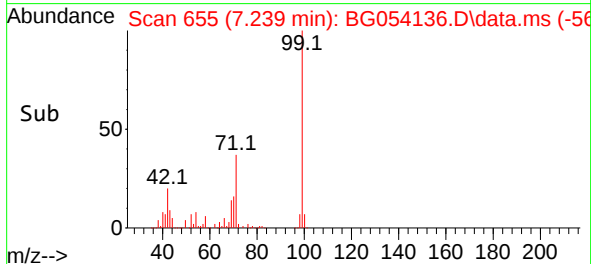
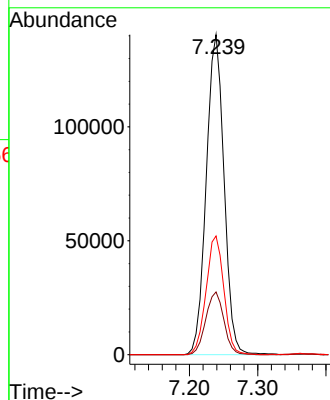
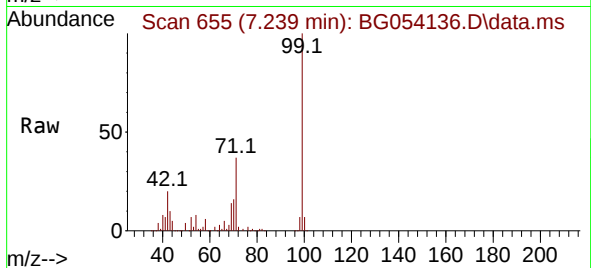




#7
Phenol-d6
Concen: 107.466 ng
RT: 7.239 min Scan# 61
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

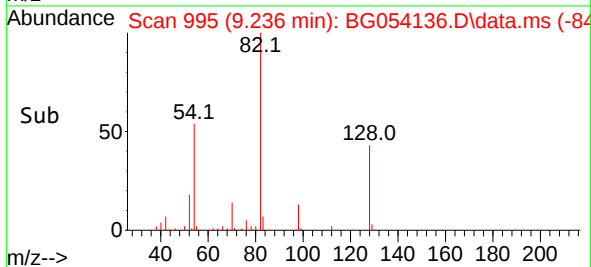
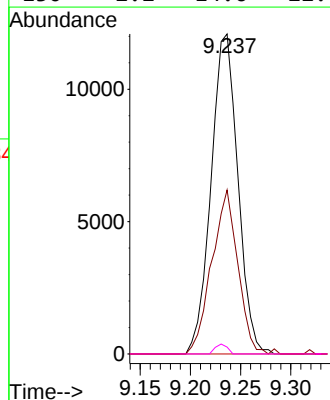
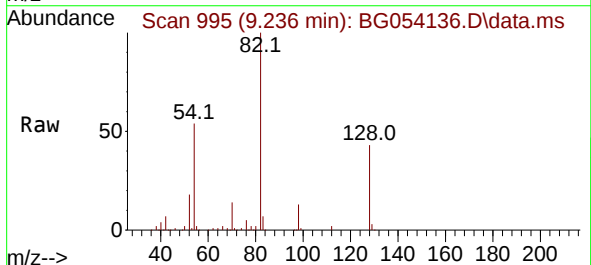
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

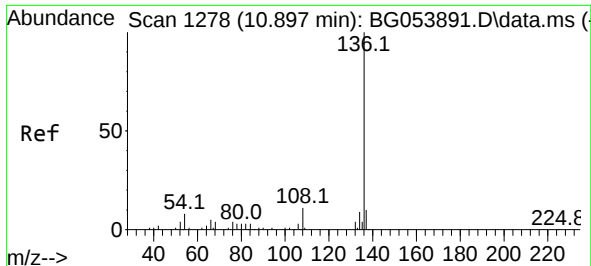
Tgt Ion: 99 Resp: 254739
Ion Ratio Lower Upper
99 100
42 19.6 17.0 25.6
71 37.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.124 ng
RT: 9.236 min Scan# 995
Delta R.T. 0.361 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion: 70 Resp: 22492
Ion Ratio Lower Upper
70 100
42 51.2 47.3 70.9
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

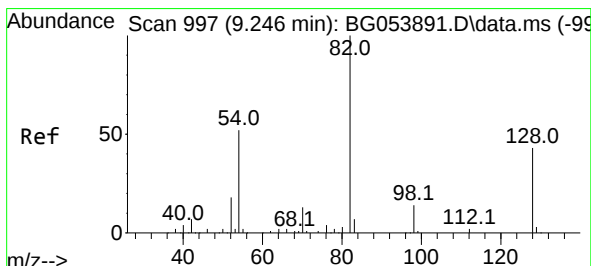
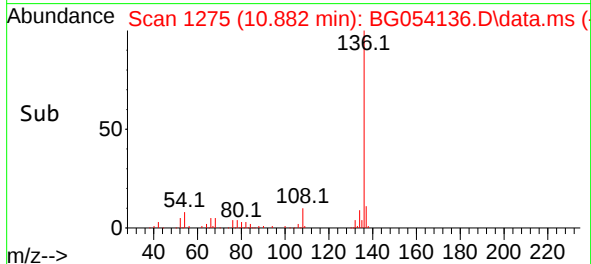
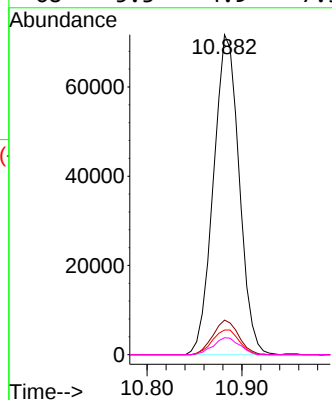
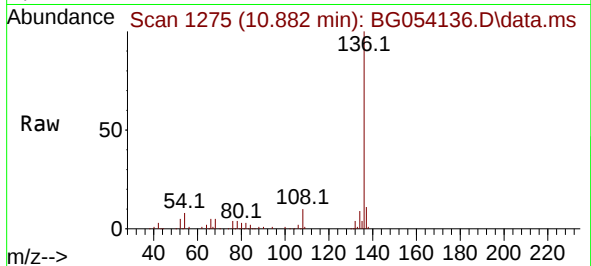




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

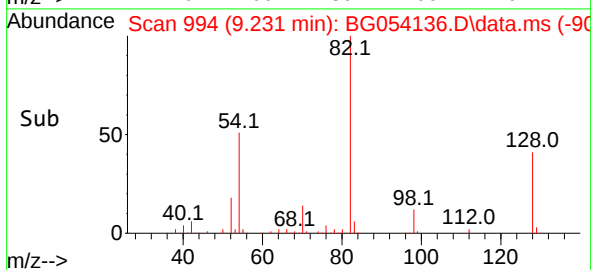
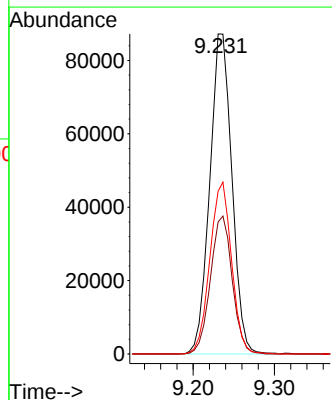
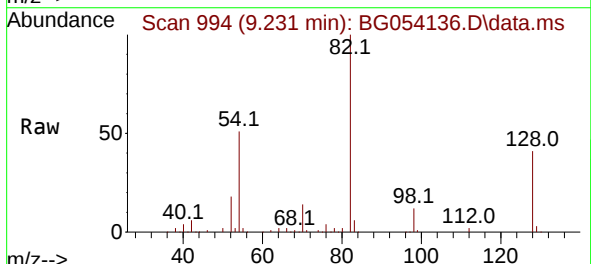
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

Tgt Ion:	136	Resp:	135156
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	7.7	7.4	11.2
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 68.652 ng
RT: 9.231 min Scan# 994
Delta R.T. -0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:	82	Resp:	165112
Ion Ratio	Lower	Upper	
82	100		
128	41.2	27.9	41.9
54	50.8	41.2	61.8

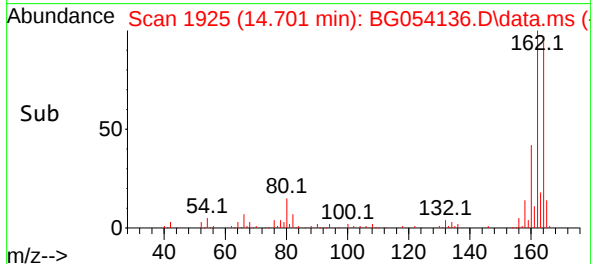
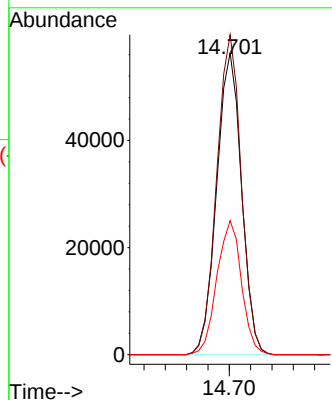
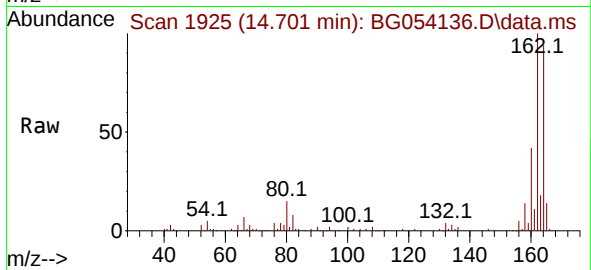




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

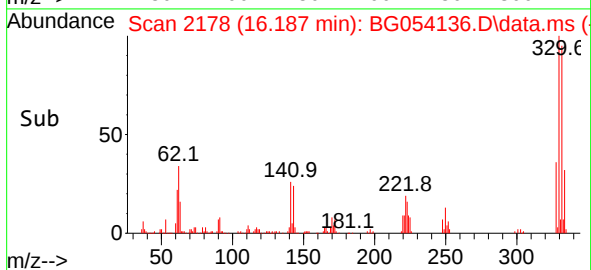
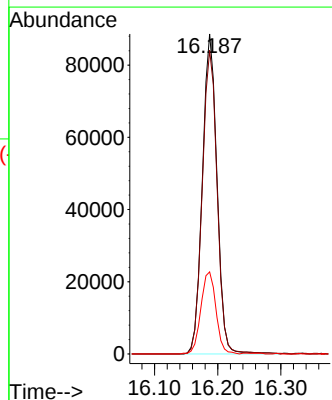
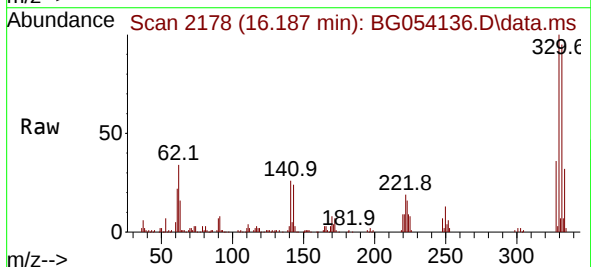
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

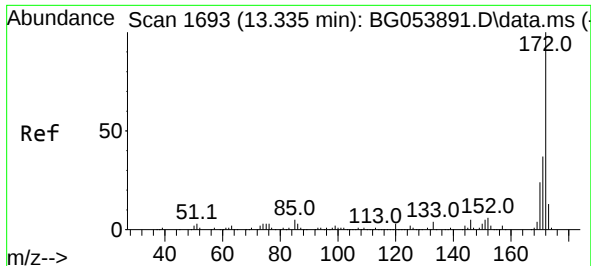
Tgt Ion:164 Resp: 91075
Ion Ratio Lower Upper
164 100
162 106.0 82.3 123.5
160 44.4 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 97.051 ng
RT: 16.187 min Scan# 2178
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:330 Resp: 142013
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 26.4 27.1 40.7#

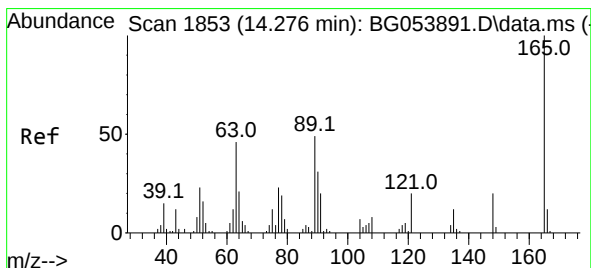
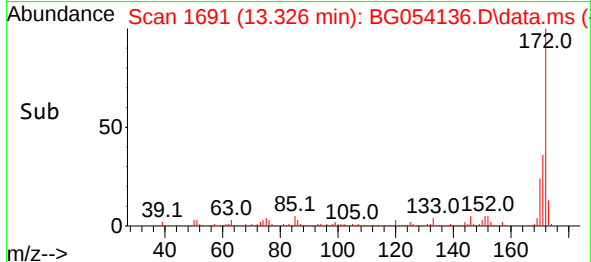
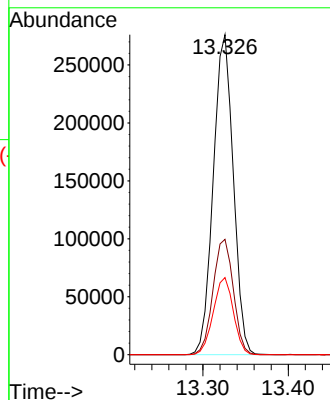
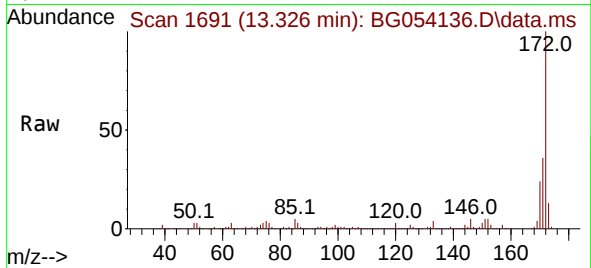




#45
2-Fluorobiphenyl
Concen: 72.013 ng
RT: 13.326 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

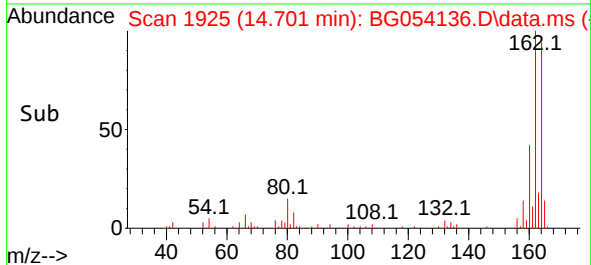
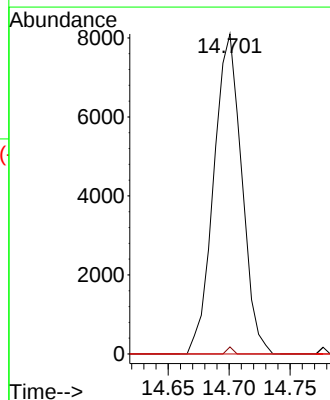
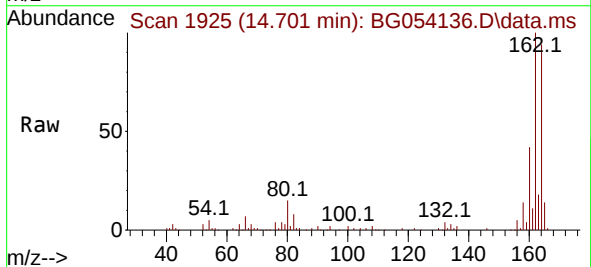
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

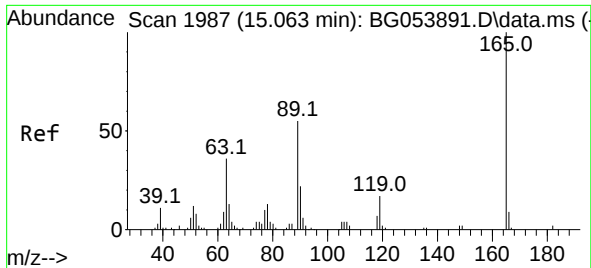
Tgt Ion:172 Resp: 451028
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.1 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.234 ng
RT: 14.701 min Scan# 1925
Delta R.T. 0.438 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:165 Resp: 12940
Ion Ratio Lower Upper
165 100
63 2.2 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.538 ng

RT: 14.701 min Scan# 1987

Delta R.T. -0.350 min

Lab File: BG054136.D

Acq: 29 Jun 2022 3:20

Instrument :

BNA_G

ClientSampleId :

OR-03-062422

Tgt Ion:165 Resp: 12940

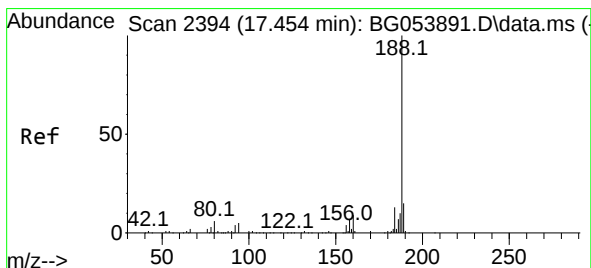
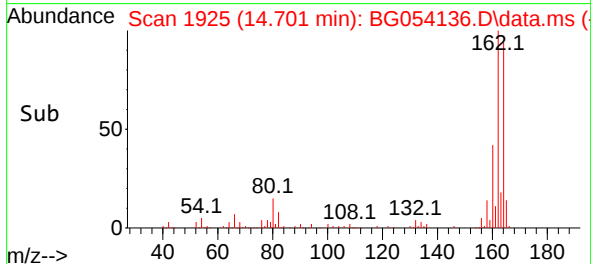
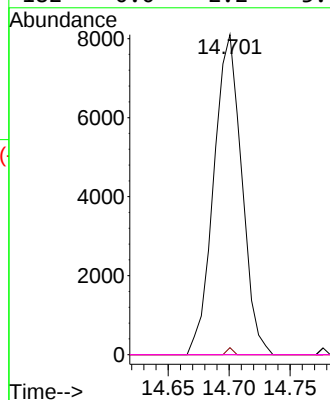
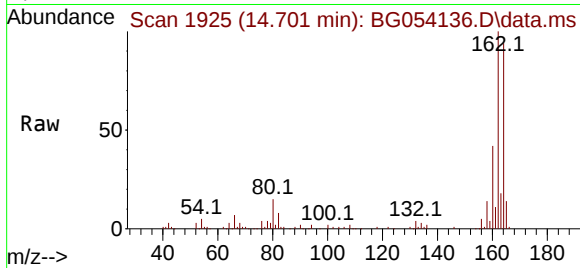
Ion Ratio Lower Upper

165 100

63 2.2 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.445 min Scan# 2392

Delta R.T. 0.003 min

Lab File: BG054136.D

Acq: 29 Jun 2022 3:20

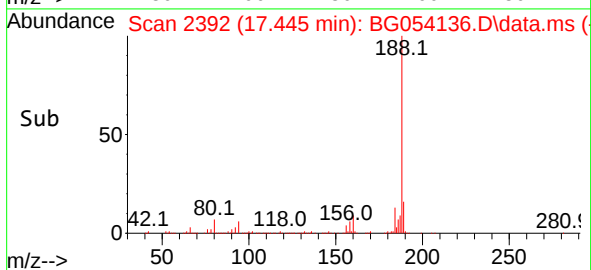
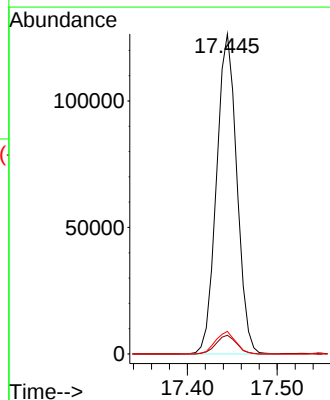
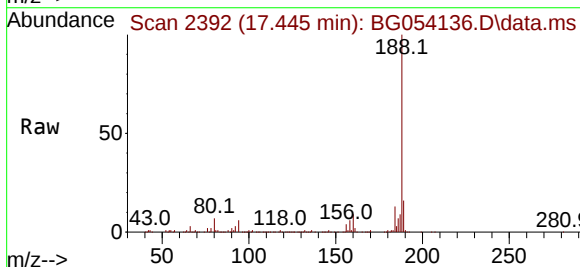
Tgt Ion:188 Resp: 198725

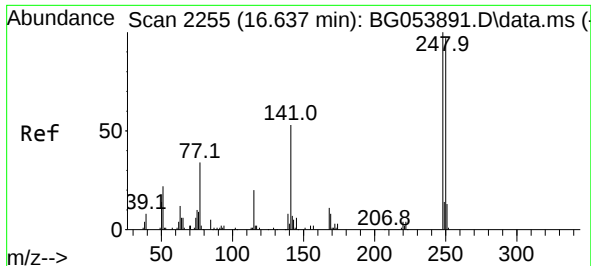
Ion Ratio Lower Upper

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94 5.9 5.4 8.0

80 7.0 6.8 10.2

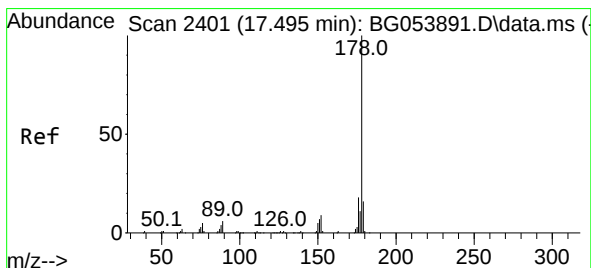
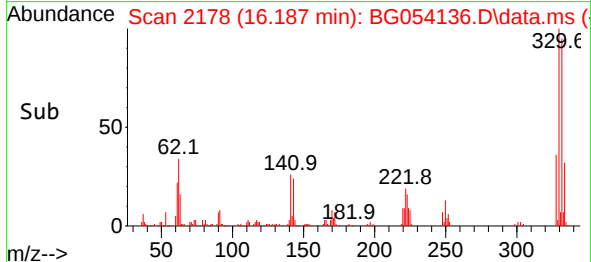
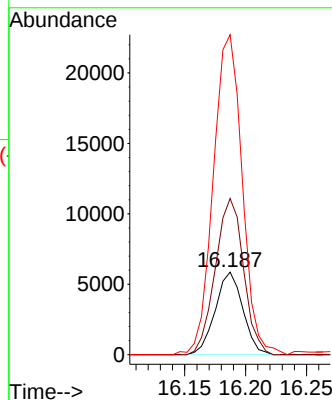
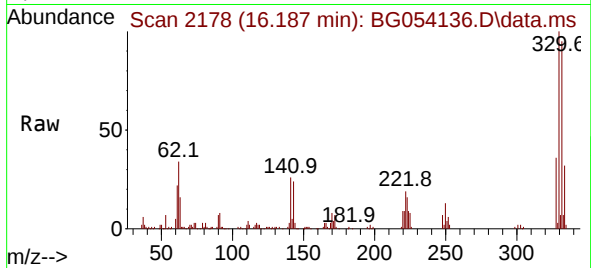




#67
4-Bromophenyl-phenylether
Concen: 3.719 ng
RT: 16.187 min Scan# 2178
Delta R.T. -0.438 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

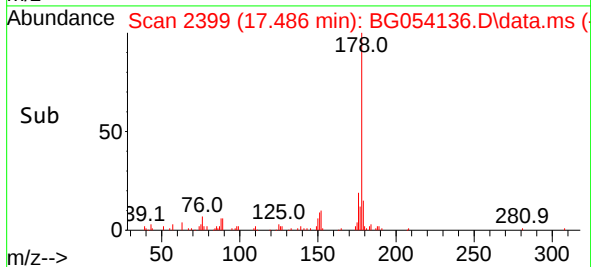
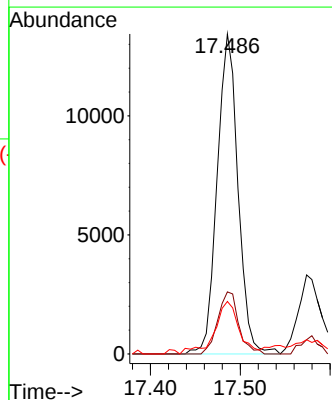
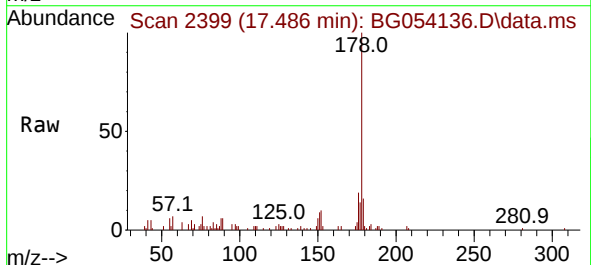
Instrument :
BNA_G
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OR-03-062422

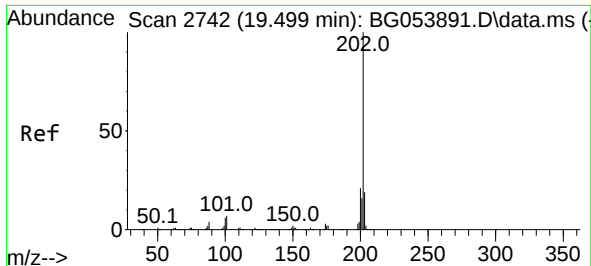
Tgt Ion:248 Resp: 9231
Ion Ratio Lower Upper
248 100
250 189.1 75.2 112.8#
141 387.5 50.0 75.0#



#71
Phenanthrene
Concen: 2.121 ng
RT: 17.486 min Scan# 2399
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:178 Resp: 21657
Ion Ratio Lower Upper
178 100
176 19.4 14.1 21.1
179 16.4 12.1 18.1

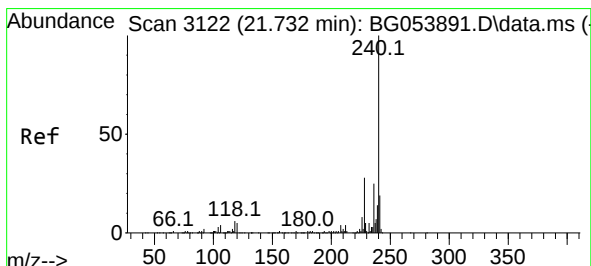
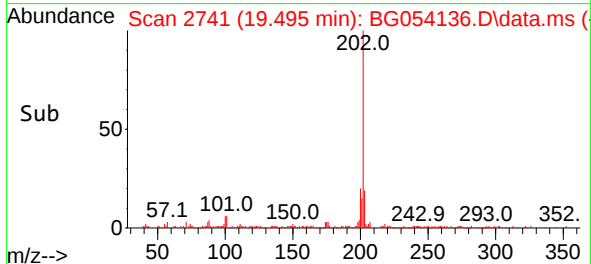
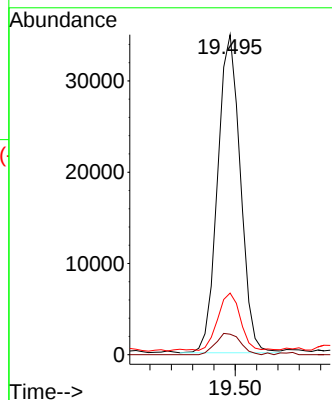
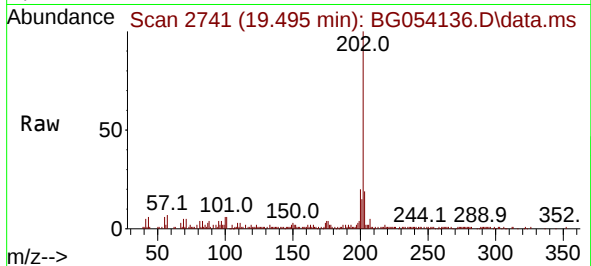




#75
Fluoranthene
Concen: 3.852 ng
RT: 19.495 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

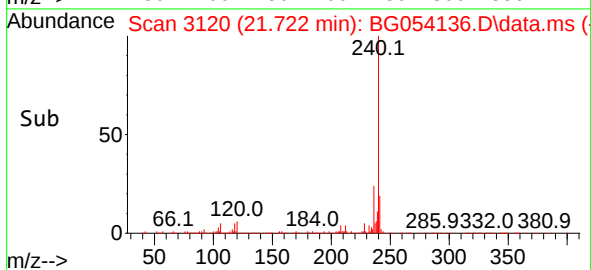
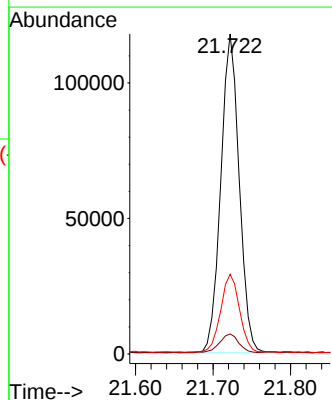
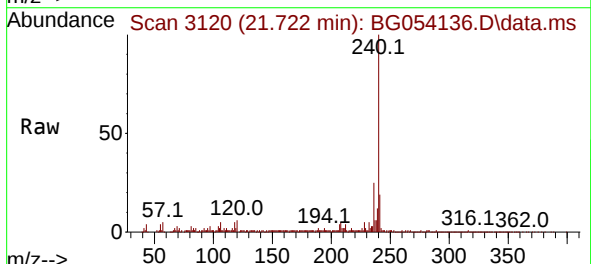
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

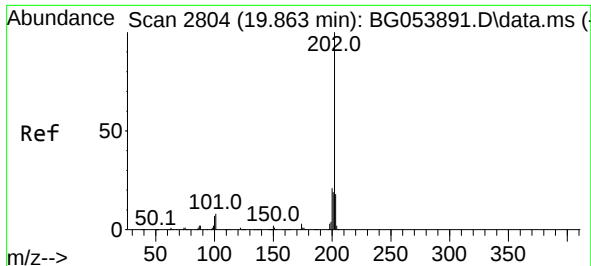
Tgt Ion:202 Resp: 51632
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.9
203 19.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3120
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:240 Resp: 194928
Ion Ratio Lower Upper
240 100
120 6.3 4.6 7.0
236 24.9 20.2 30.4

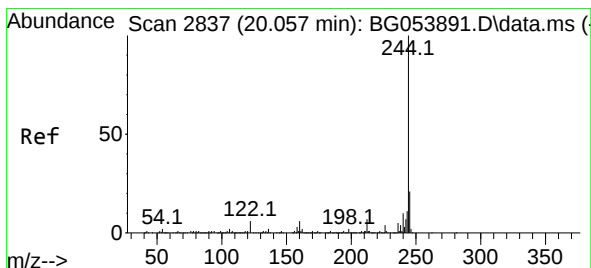
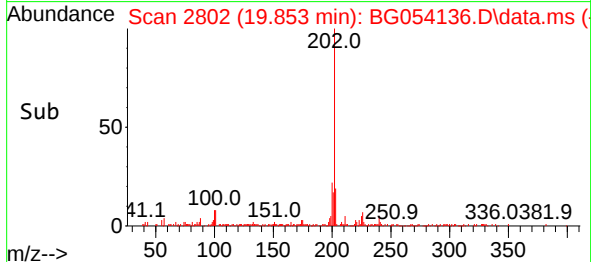
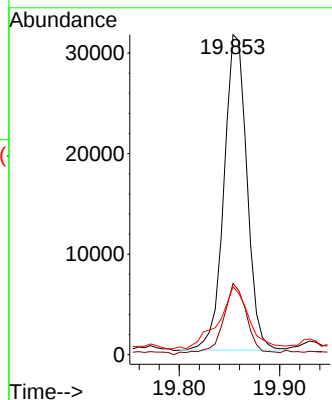
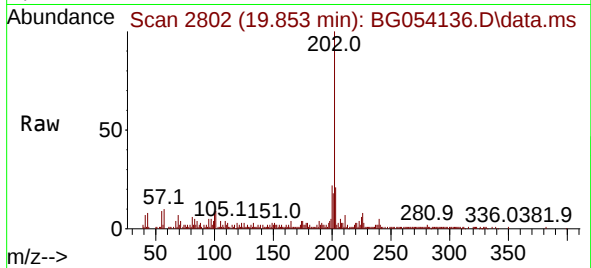




#78
Pyrene
Concen: 4.235 ng
RT: 19.853 min Scan# 2802
Delta R.T. 0.003 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

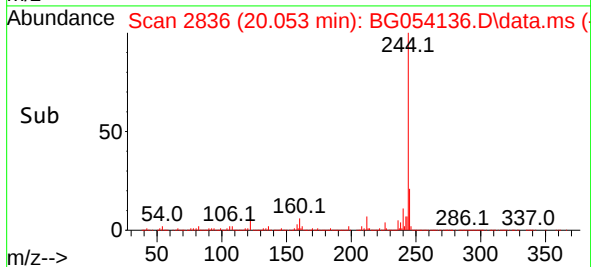
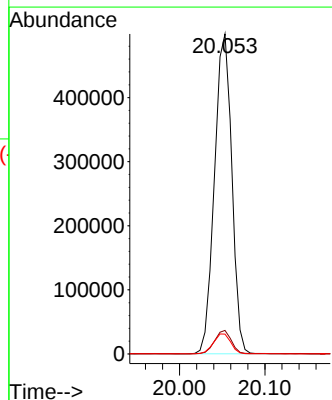
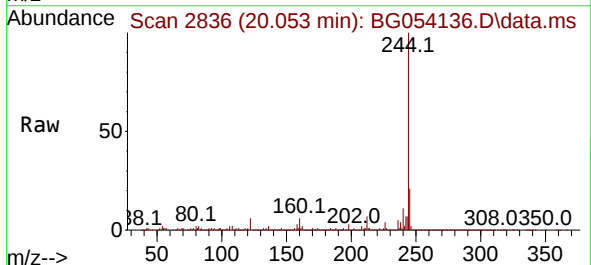
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

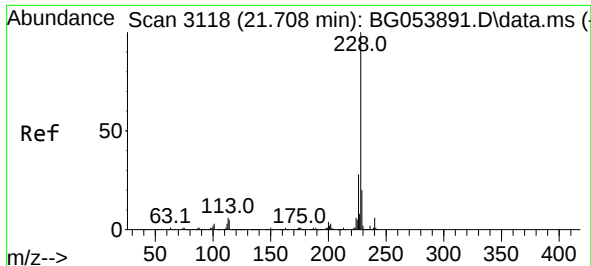
Tgt Ion:202 Resp: 49861
Ion Ratio Lower Upper
202 100
200 22.3 16.6 24.8
203 21.3 14.6 21.8



#79
Terphenyl-d14
Concen: 72.720 ng
RT: 20.053 min Scan# 2836
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:244 Resp: 703802
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.2 5.0 7.4

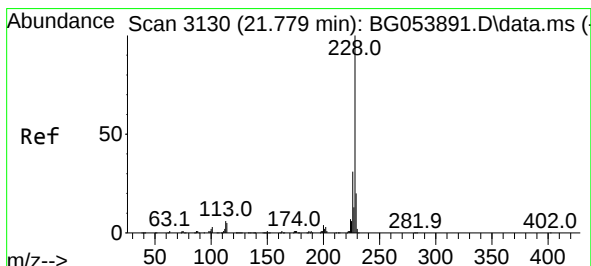
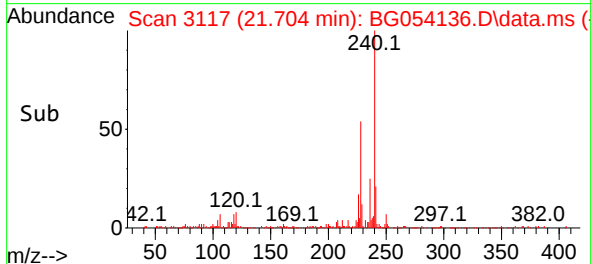
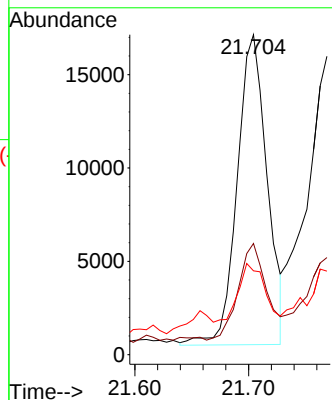
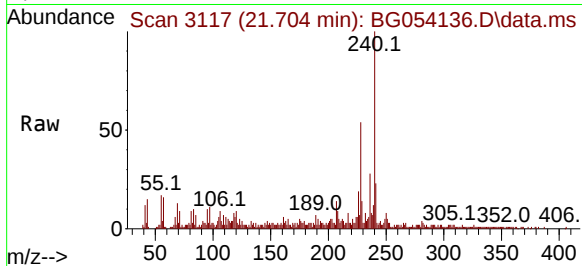




#81
Benzo(a)anthracene
Concen: 2.409 ng
RT: 21.704 min Scan# 3117
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

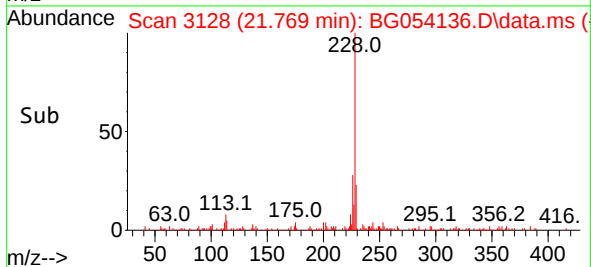
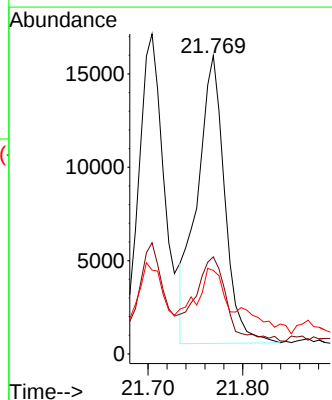
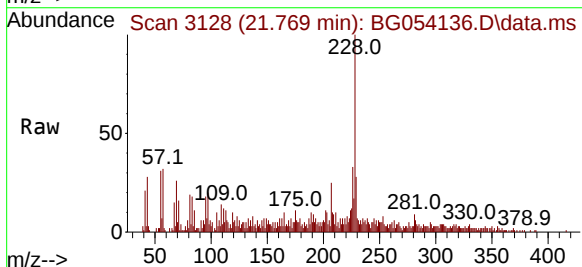
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

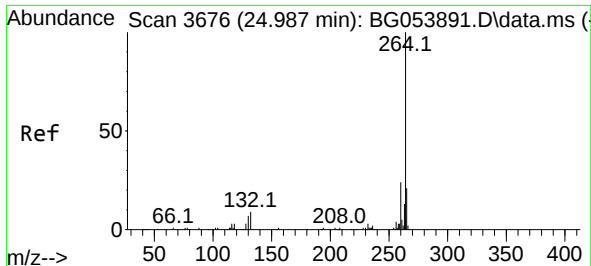
Tgt Ion:228 Resp: 30407
Ion Ratio Lower Upper
228 100
226 34.7 21.6 32.4#
229 26.2 16.2 24.2#



#83
Chrysene
Concen: 2.588 ng
RT: 21.769 min Scan# 3128
Delta R.T. 0.009 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:228 Resp: 31137
Ion Ratio Lower Upper
228 100
226 32.5 23.4 35.2
229 28.0 15.5 23.3#

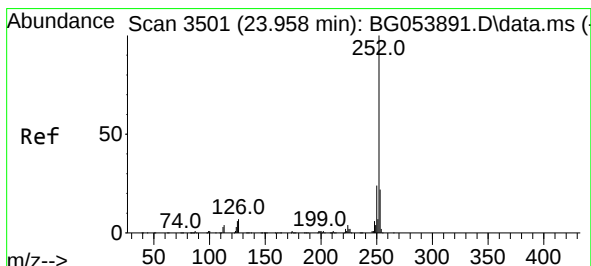
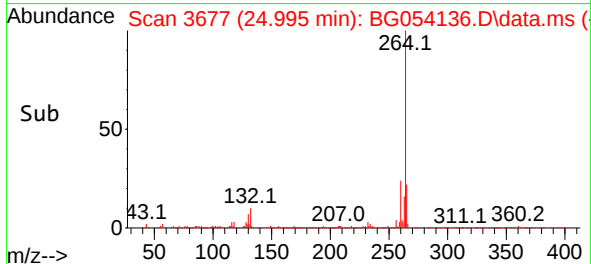
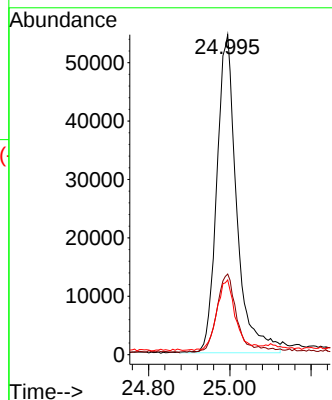
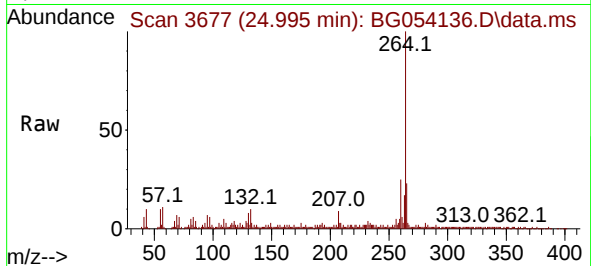




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 30
Delta R.T. 0.032 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

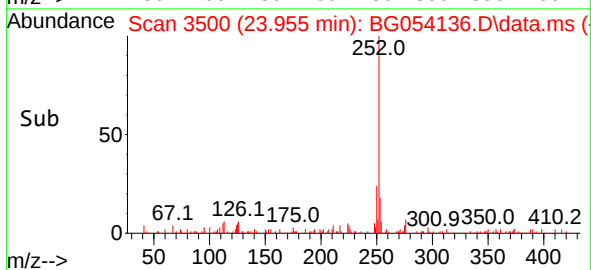
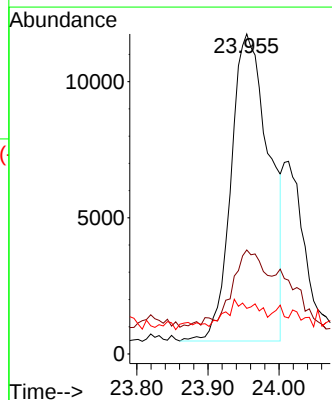
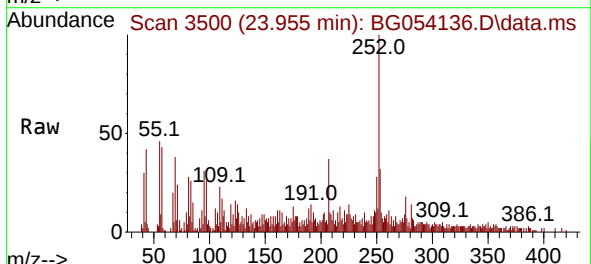
Instrument :
BNA_G
ClientSampleId :
OR-03-062422

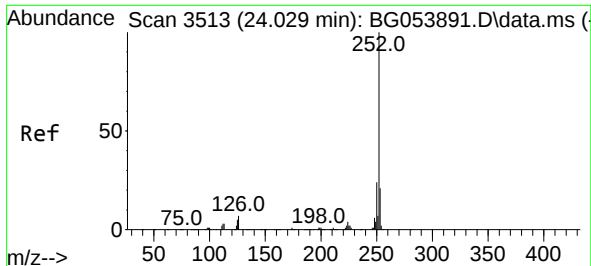
Tgt Ion:264 Resp: 185376
Ion Ratio Lower Upper
264 100
260 25.2 19.0 28.6
265 23.3 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 3.716 ng
RT: 23.955 min Scan# 3500
Delta R.T. 0.020 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:252 Resp: 41881
Ion Ratio Lower Upper
252 100
253 32.5 18.0 27.0#
125 14.3 4.6 6.8#

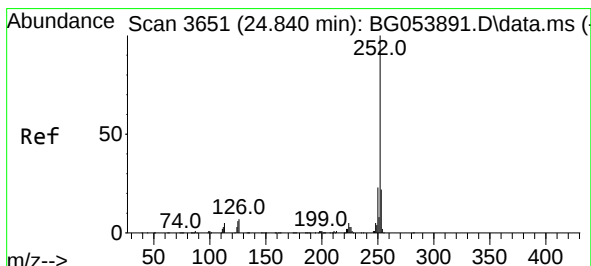
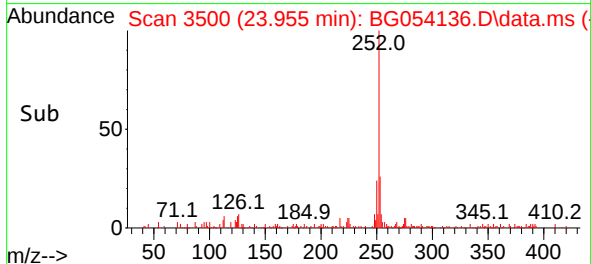
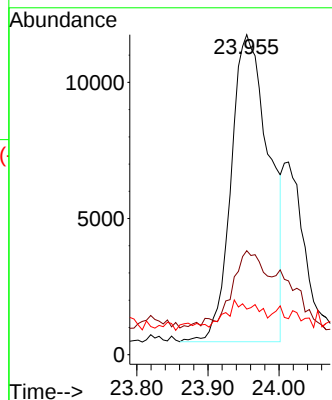
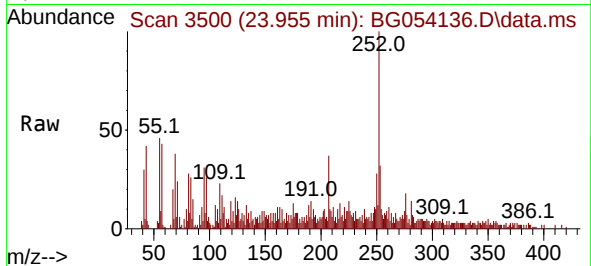




#89
Benzo(k)fluoranthene
Concen: 3.753 ng
RT: 23.955 min Scan# 31
Delta R.T. -0.050 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Instrument :
BNA_G
ClientSampleId :
OR-03-062422

Tgt Ion:252 Resp: 41881
Ion Ratio Lower Upper
252 100
253 32.5 18.4 27.6#
125 14.3 4.8 7.2#



#90
Benzo(a)pyrene
Concen: 2.933 ng
RT: 24.836 min Scan# 3650
Delta R.T. 0.020 min
Lab File: BG054136.D
Acq: 29 Jun 2022 3:20

Tgt Ion:252 Resp: 27890
Ion Ratio Lower Upper
252 100
253 30.5 17.8 26.8#
125 19.7 4.3 6.5#

