

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
 Data File : BG054466.D
 Acq On : 1 Aug 2022 15:58
 Operator : CG/JU
 Sample : N3896-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-66

Quant Time: Aug 02 05:45:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

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

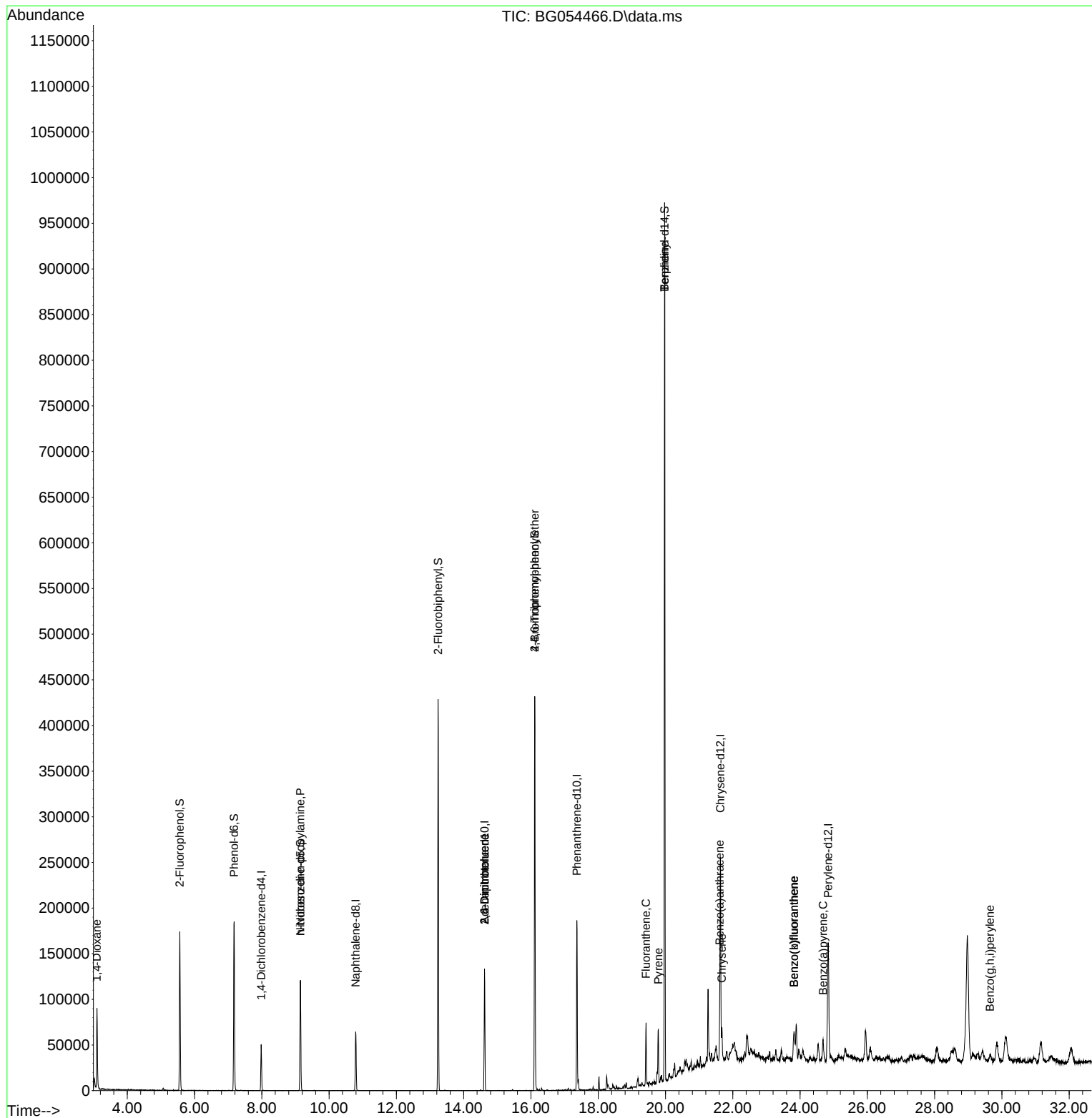
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	15487	20.000	ng	0.00
21) Naphthalene-d8	10.790	136	61935	20.000	ng	# 0.00
39) Acenaphthene-d10	14.621	164	52023	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	133675	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	147043	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	155474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	77892	105.010	ng	0.00
7) Phenol-d6	7.177	99	107986	106.245	ng	0.00
23) Nitrobenzene-d5	9.145	82	74999	65.944	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	117516	107.587	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	247565	67.132	ng	0.00
79) Terphenyl-d14	19.974	244	560919	75.675	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	866	2.935	ng	# 1
9) Benzaldehyde	7.177	77	64	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.145	70	10277	15.142	ng	# 88
51) 2,6-Dinitrotoluene	14.621	165	7372	8.271	ng	# 16
57) 2,4-Dinitrotoluene	14.621	165	7372	5.770	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	7206	3.838	ng	# 1
75) Fluoranthene	19.421	202	46614	5.137	ng	95
77) Benzidine	19.974	184	7356	2.762	ng	# 91
78) Pyrene	19.786	202	42377	5.023	ng	97
81) Benzo(a)anthracene	21.613	228	26596	2.849	ng	96
83) Chrysene	21.677	228	27945	3.169	ng	98
88) Benzo(b)fluoranthene	23.822	252	44174	4.804	ng	# 94
89) Benzo(k)fluoranthene	23.822	252	44174	4.827	ng	95
90) Benzo(a)pyrene	24.686	252	24970	3.180	ng	96
92) Benzo(g,h,i)perylene	29.650	276	19944	2.078	ng	# 94

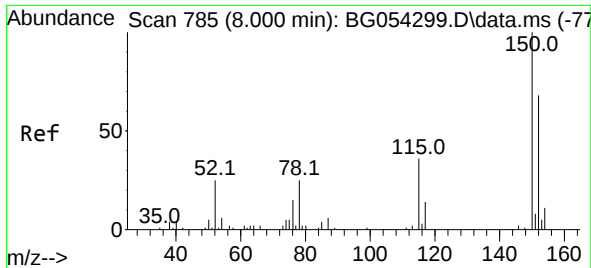
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080122\
Data File : BG054466.D
Acq On : 1 Aug 2022 15:58
Operator : CG/JU
Sample : N3896-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-66

Quant Time: Aug 02 05:45:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 04:30:50 2022
Response via : Initial Calibration

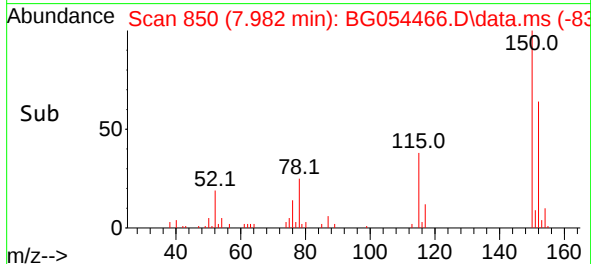
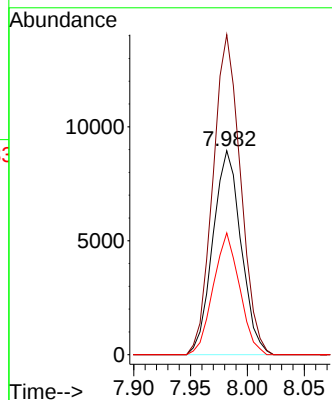
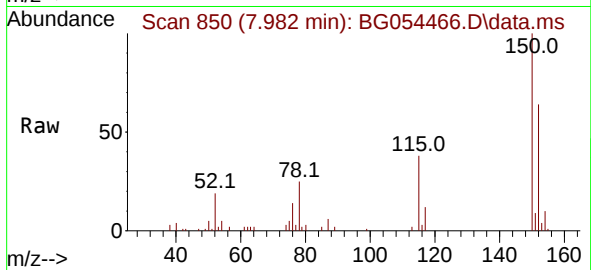




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054466.D
 Acq: 1 Aug 2022 15:58

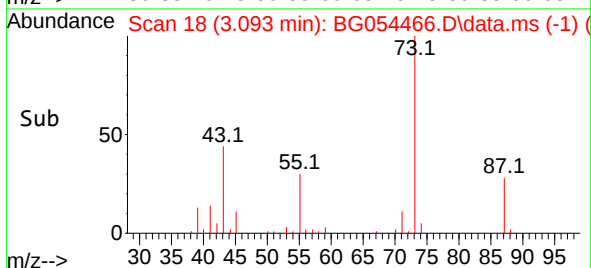
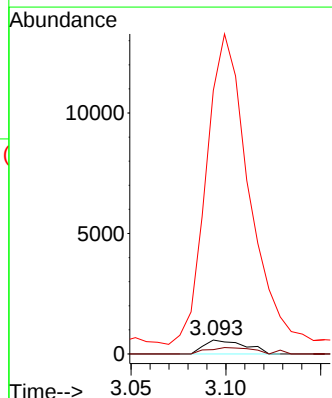
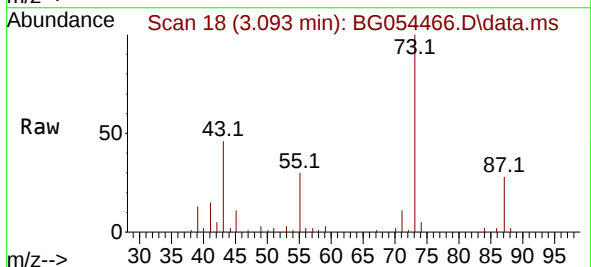
Instrument :
 BNA_G
 ClientSampleId :
 RVE-66

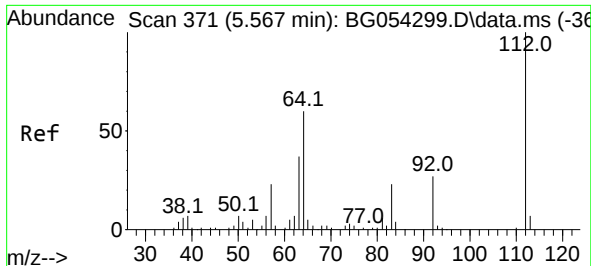
Tgt Ion:152 Resp: 15487
 Ion Ratio Lower Upper
 152 100
 150 156.9 131.6 197.4
 115 59.7 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.935 ng
 RT: 3.093 min Scan# 18
 Delta R.T. -0.324 min
 Lab File: BG054466.D
 Acq: 1 Aug 2022 15:58

Tgt Ion: 88 Resp: 866
 Ion Ratio Lower Upper
 88 100
 58 56.8 59.2 88.8#
 43 2496.5 24.3 36.5#

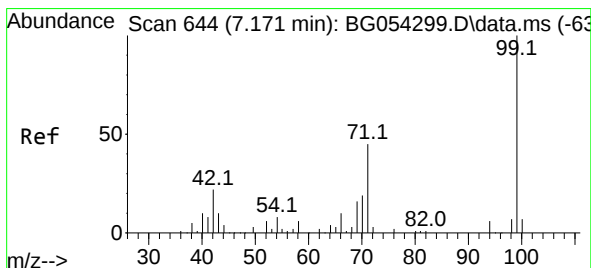
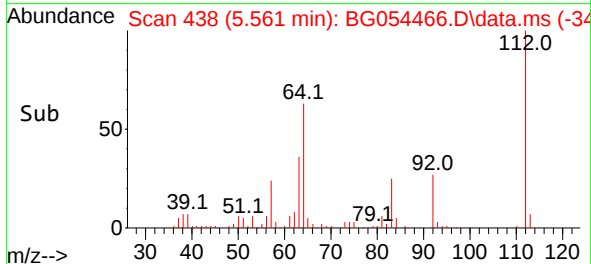
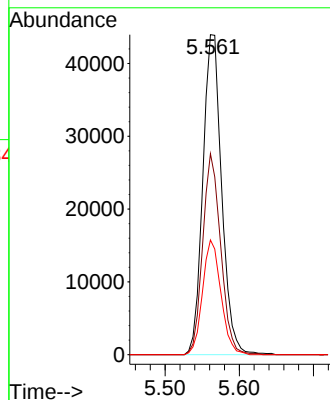
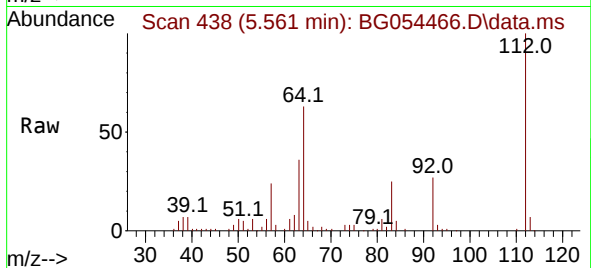




#5
2-Fluorophenol
Concen: 105.010 ng
RT: 5.561 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

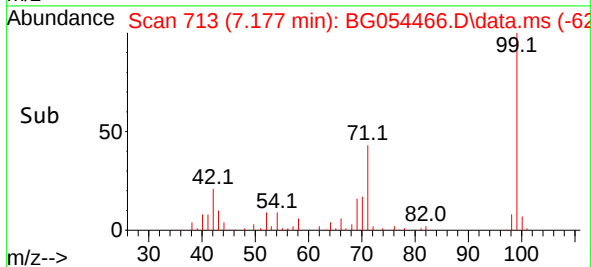
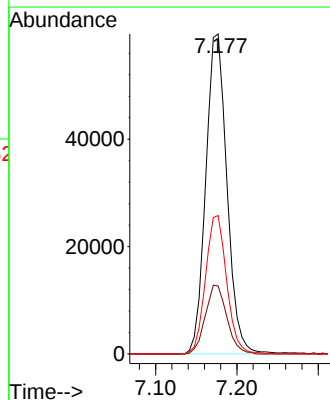
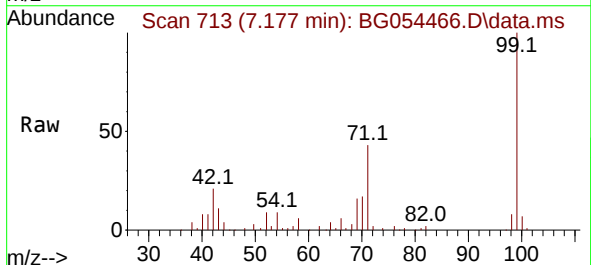
Instrument :
BNA_G
ClientSampleId :
RVE-66

Tgt Ion:112 Resp: 77892
Ion Ratio Lower Upper
112 100
64 62.8 55.1 82.7
63 35.8 30.4 45.6



#7
Phenol-d6
Concen: 106.245 ng
RT: 7.177 min Scan# 713
Delta R.T. 0.005 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion: 99 Resp: 107986
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 43.2 33.8 50.8

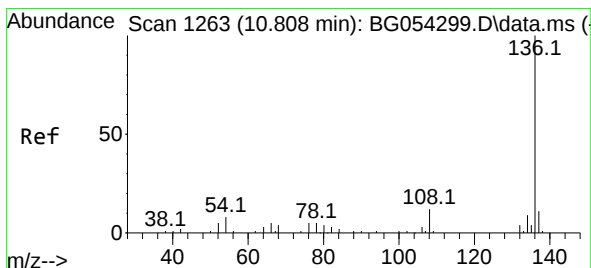
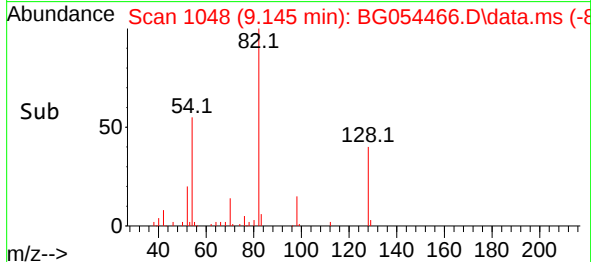
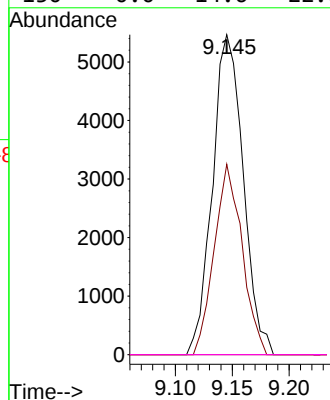
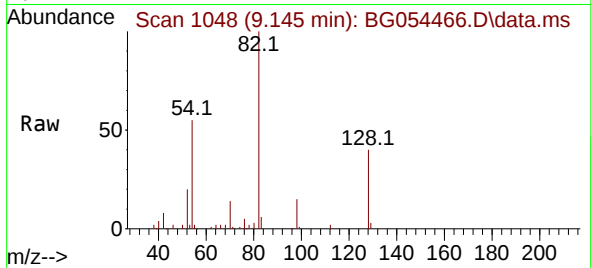




#19
n-Nitroso-di-n-propylamine
Concen: 15.142 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

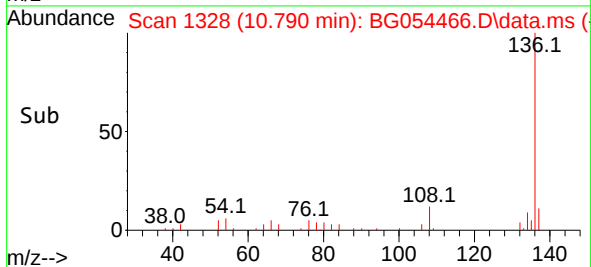
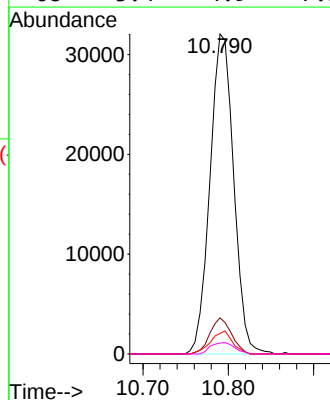
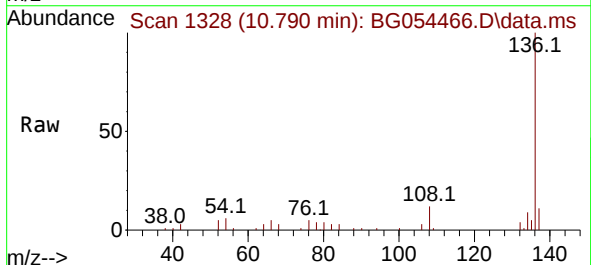
Instrument :
BNA_G
ClientSampleId :
RVE-66

Tgt Ion:	70	Resp:	10277
Ion Ratio	Lower	Upper	
70	100		
42	59.5	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:	136	Resp:	61935
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	6.4	7.4	11.2#
68	3.4	4.9	7.3#

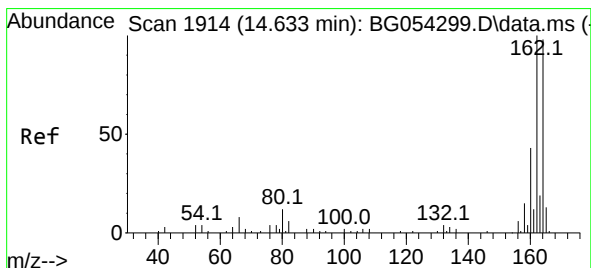
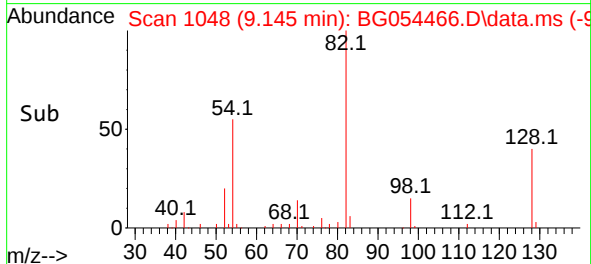
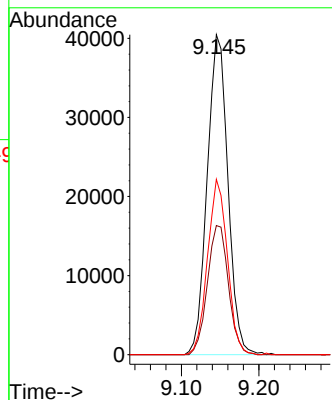
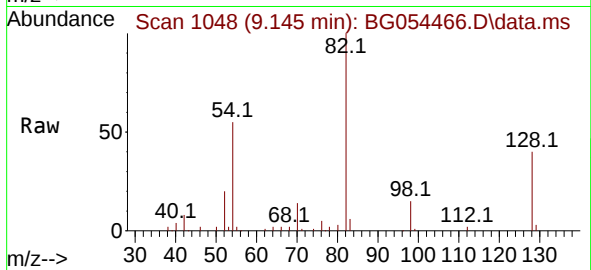




#23
Nitrobenzene-d5
Concen: 65.944 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

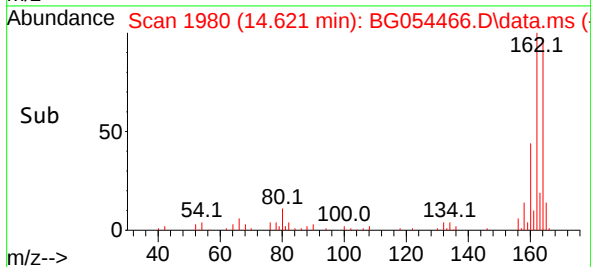
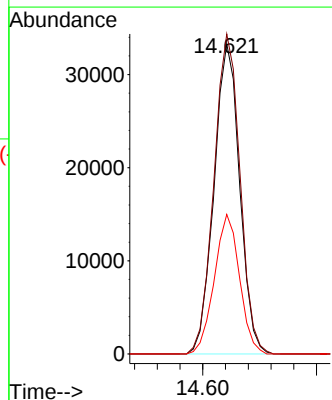
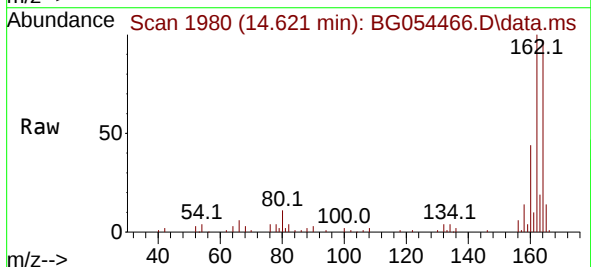
Instrument :
BNA_G
ClientSampleId :
RVE-66

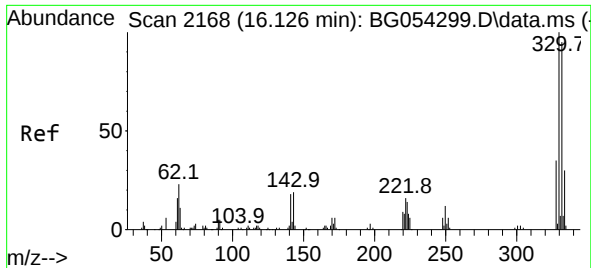
Tgt Ion: 82 Resp: 74999
Ion Ratio Lower Upper
82 100
128 40.4 27.9 41.9
54 54.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:164 Resp: 52023
Ion Ratio Lower Upper
164 100
162 103.2 82.3 123.5
160 45.0 34.2 51.2

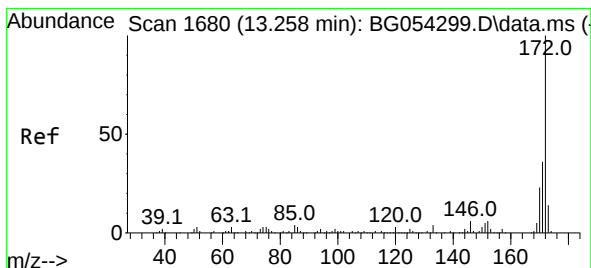
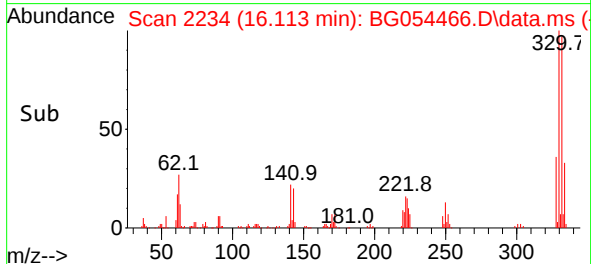
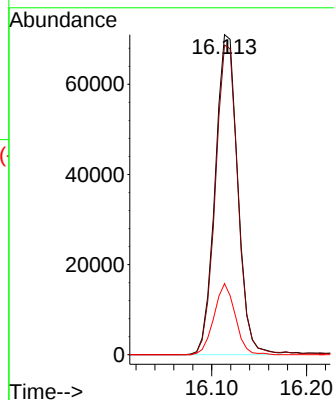
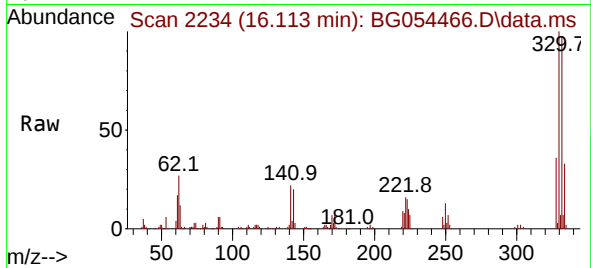




#42
2,4,6-Tribromophenol
Concen: 107.587 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

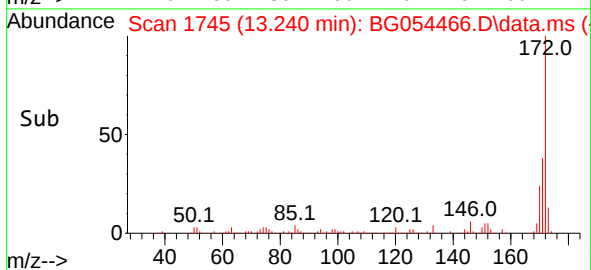
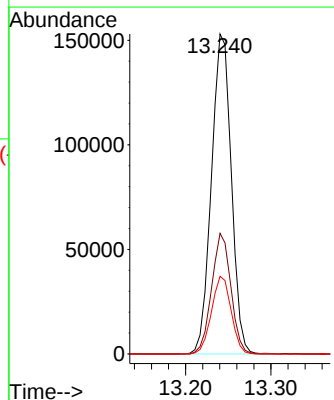
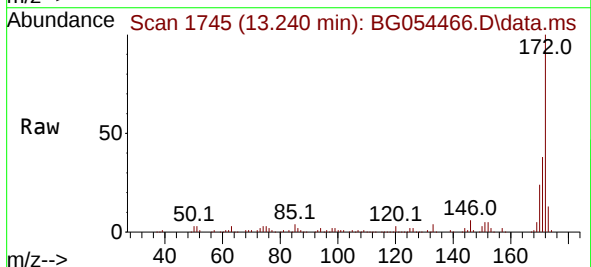
Instrument :
BNA_G
ClientSampleId :
RVE-66

Tgt Ion:330 Resp: 117516
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 20.8 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 67.132 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:172 Resp: 247565
Ion Ratio Lower Upper
172 100
171 37.7 28.5 42.7
170 24.3 18.9 28.3

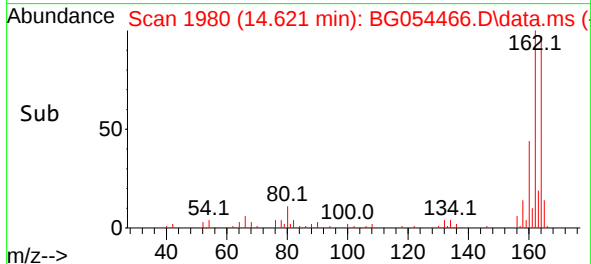
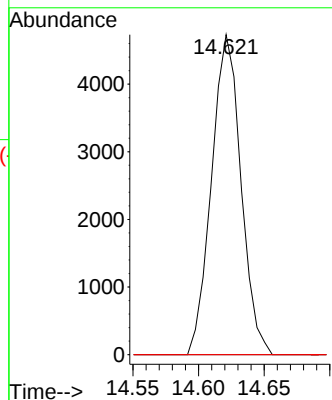
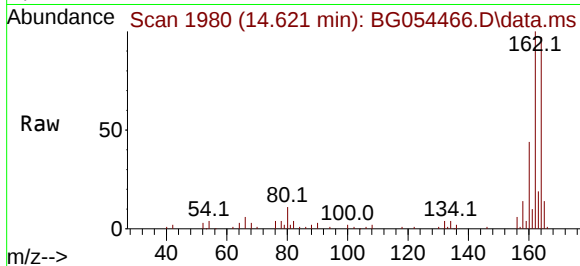




#51
2,6-Dinitrotoluene
Concen: 8.271 ng
RT: 14.621 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

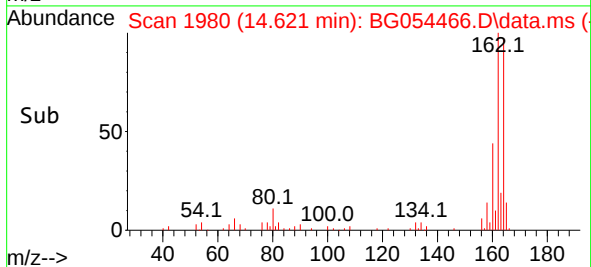
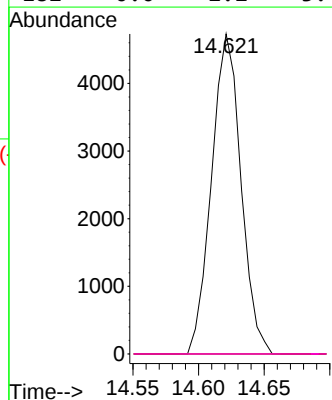
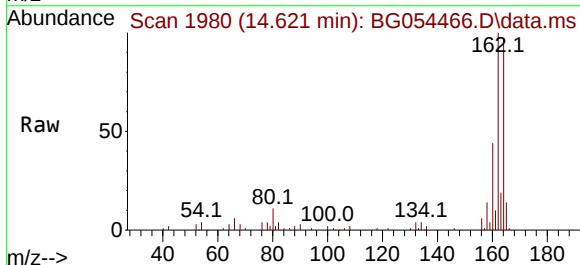
Instrument :
BNA_G
ClientSampleId :
RVE-66

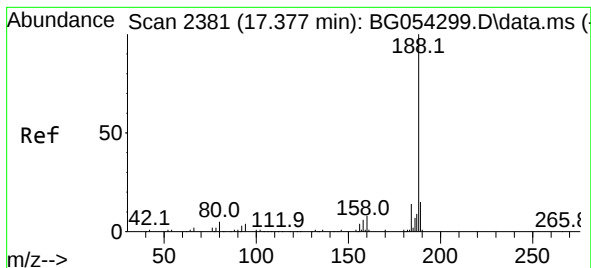
Tgt Ion:165 Resp: 7372
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.770 ng
RT: 14.621 min Scan# 1980
Delta R.T. -0.371 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:165 Resp: 7372
Ion Ratio Lower Upper
165 100
63 0.0 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: 17.365 min Scan# 2447

Delta R.T. -0.007 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

Instrument :

BNA_G

ClientSampleId :

RVE-66

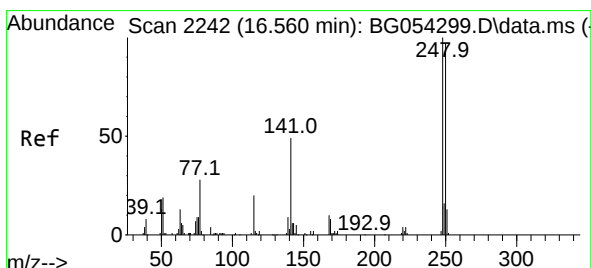
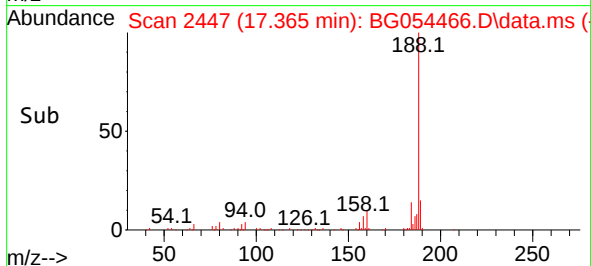
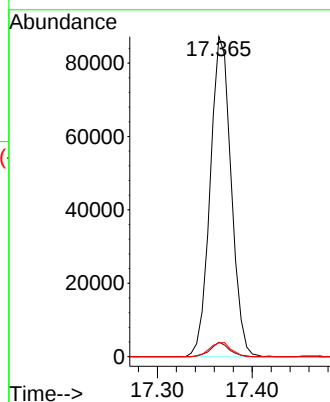
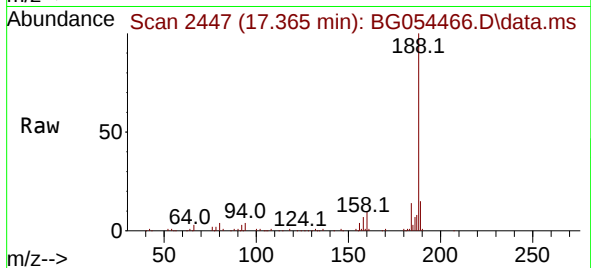
Tgt Ion:188 Resp: 133675

Ion Ratio Lower Upper

188 100

94 4.5 5.4 8.0#

80 4.3 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 3.838 ng

RT: 16.113 min Scan# 2234

Delta R.T. -0.441 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

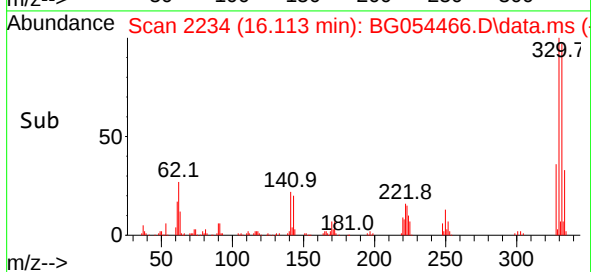
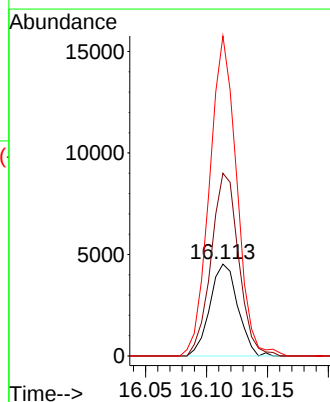
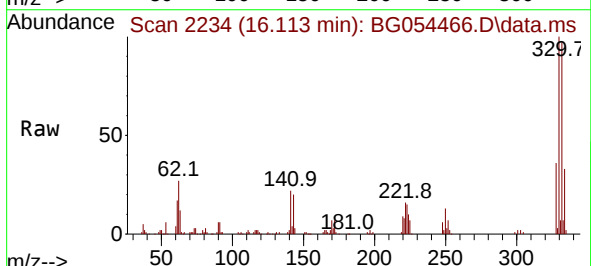
Tgt Ion:248 Resp: 7206

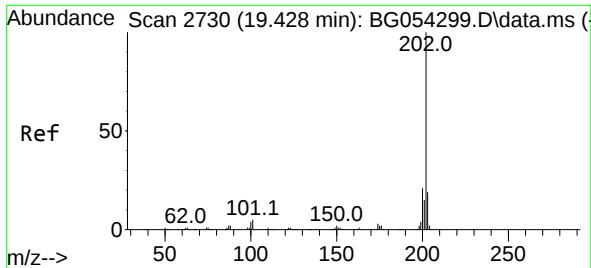
Ion Ratio Lower Upper

248 100

250 160.3 75.2 112.8#

141 280.7 50.0 75.0#

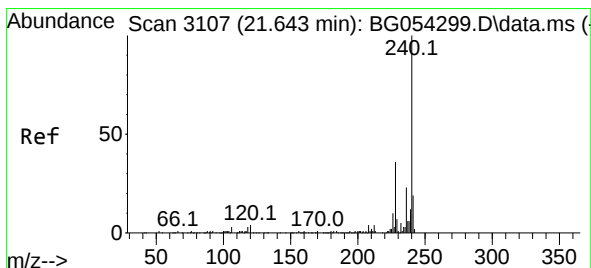
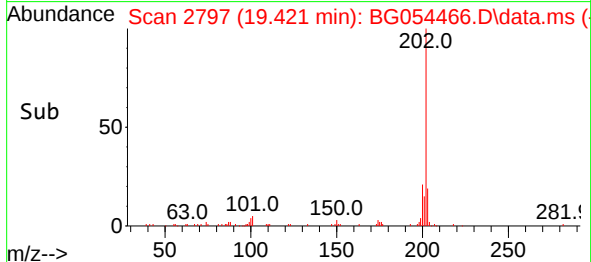
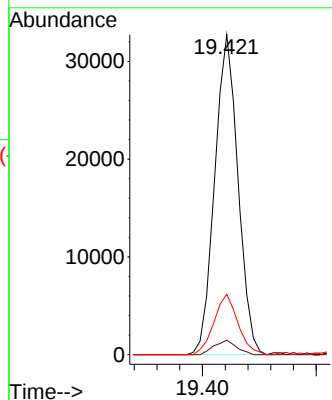
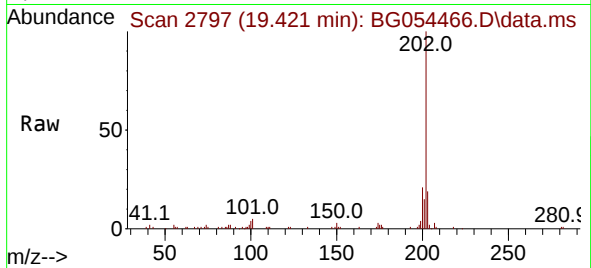




#75
Fluoranthene
Concen: 5.137 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

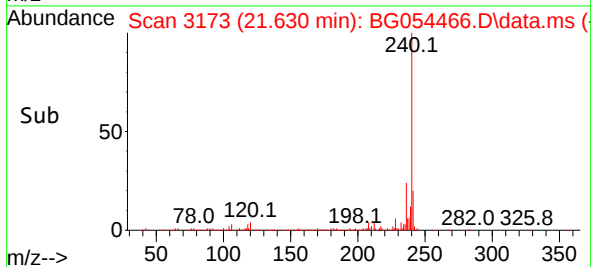
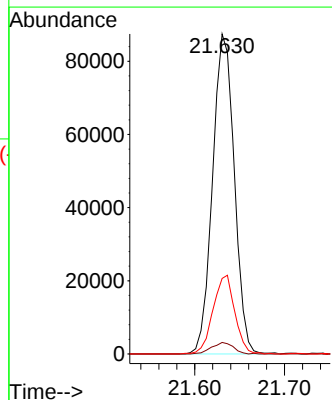
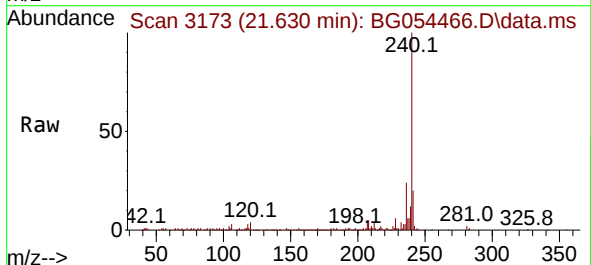
Instrument :
BNA_G
ClientSampleId :
RVE-66

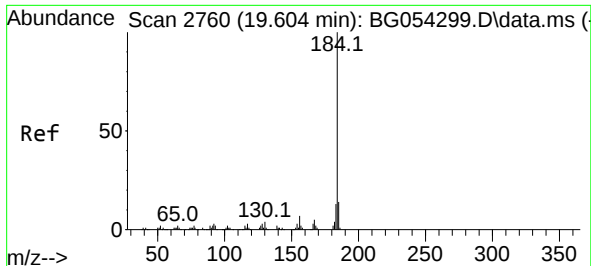
Tgt Ion:202 Resp: 46614
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 18.9 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:240 Resp: 147043
Ion Ratio Lower Upper
240 100
120 3.6 4.6 7.0#
236 23.6 20.2 30.4

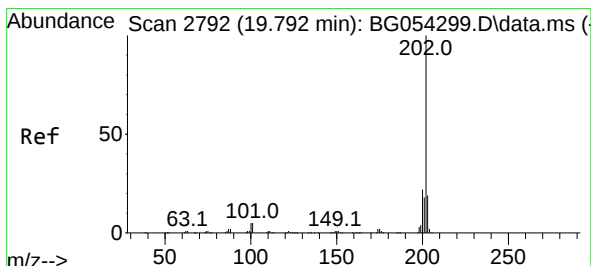
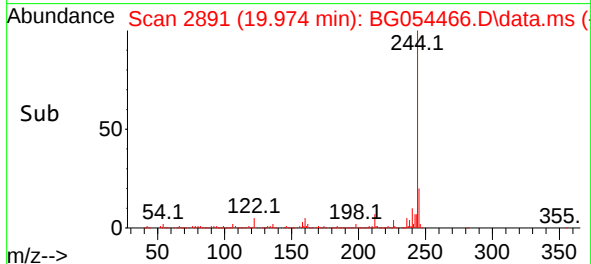
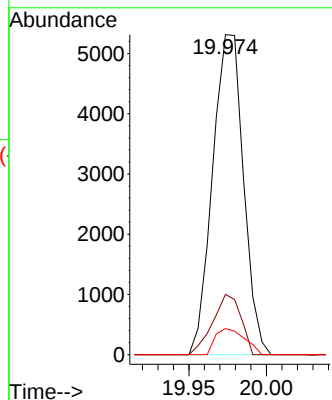
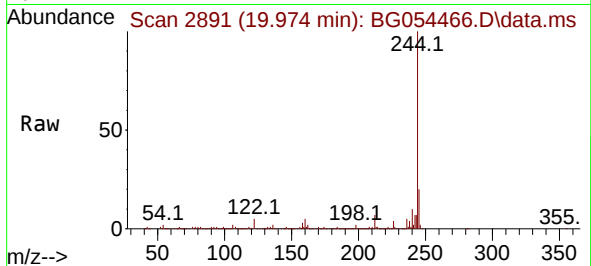




#77
Benzidine
Concen: 2.762 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.375 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

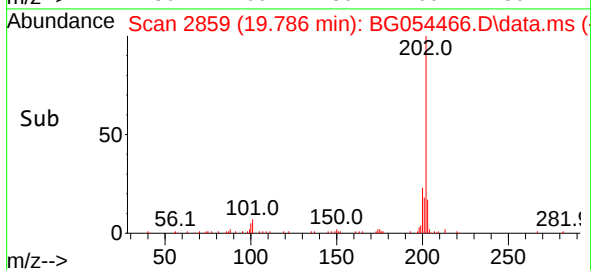
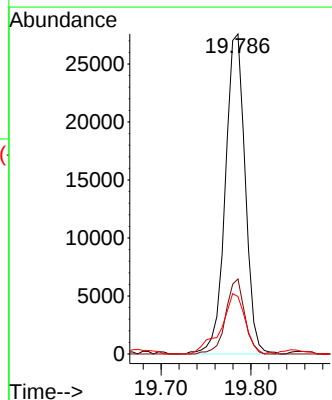
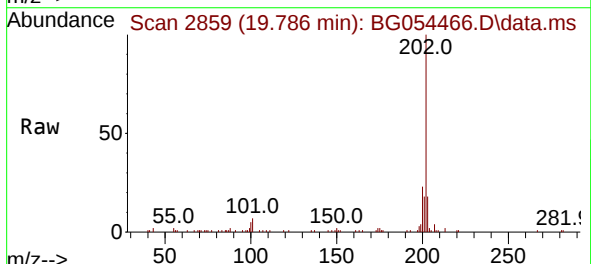
Instrument :
BNA_G
ClientSampleId :
RVE-66

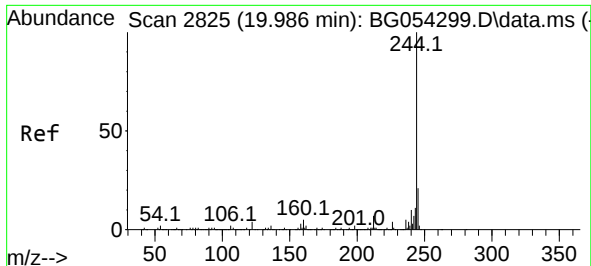
Tgt Ion:184 Resp: 7356
Ion Ratio Lower Upper
184 100
185 18.9 11.8 17.6#
183 8.2 8.9 13.3#



#78
Pyrene
Concen: 5.023 ng
RT: 19.786 min Scan# 2859
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:202 Resp: 42377
Ion Ratio Lower Upper
202 100
200 23.4 16.6 24.8
203 17.9 14.6 21.8

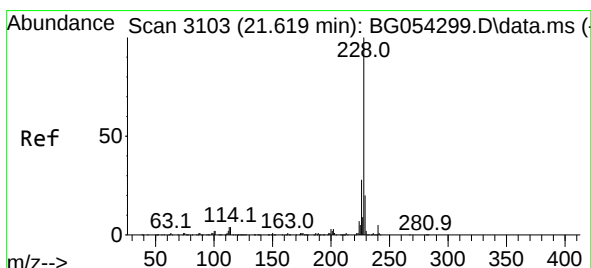
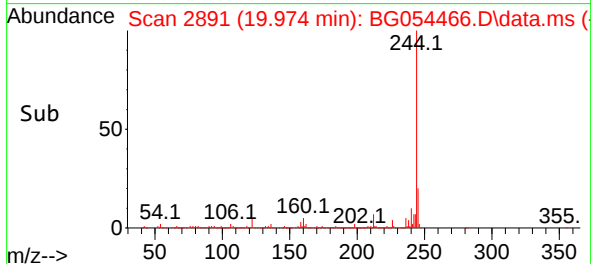
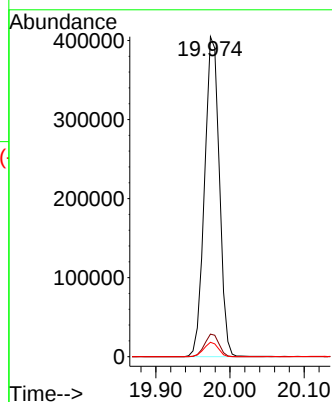
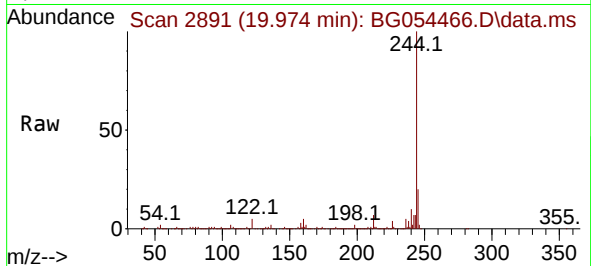




#79
 Terphenyl-d14
 Concen: 75.675 ng
 RT: 19.974 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054466.D
 Acq: 1 Aug 2022 15:58

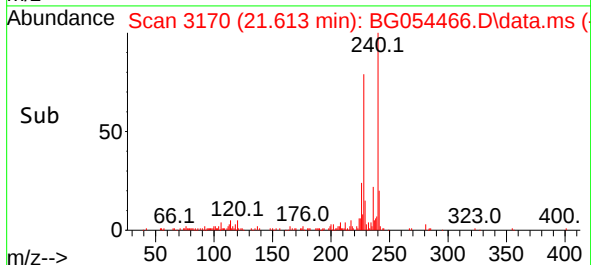
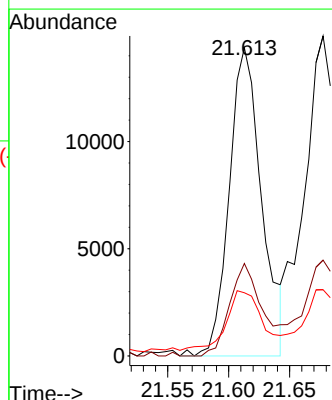
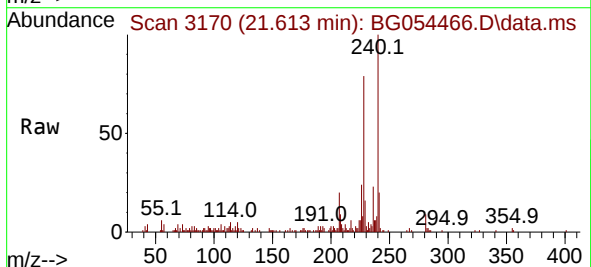
Instrument :
 BNA_G
 ClientSampleId :
 RVE-66

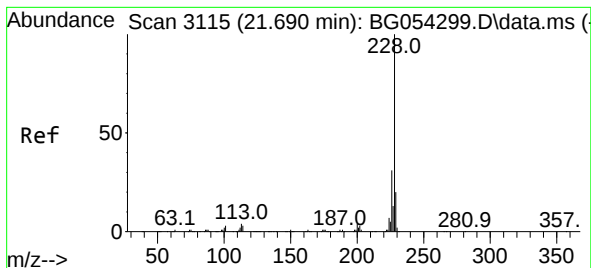
Tgt Ion:244 Resp: 560919
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.5 5.0 7.4#



#81
 Benzo(a)anthracene
 Concen: 2.849 ng
 RT: 21.613 min Scan# 3170
 Delta R.T. -0.001 min
 Lab File: BG054466.D
 Acq: 1 Aug 2022 15:58

Tgt Ion:228 Resp: 26596
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.6 32.4
 229 20.5 16.2 24.2





#83

Chrysene

Concen: 3.169 ng

RT: 21.677 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

Instrument :

BNA_G

ClientSampleId :

RVE-66

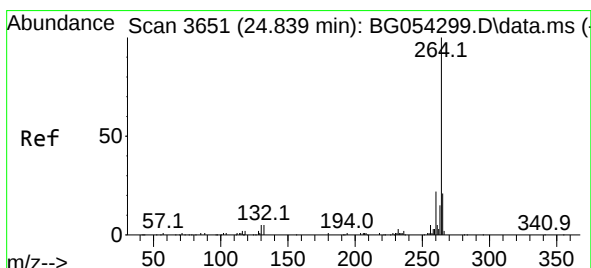
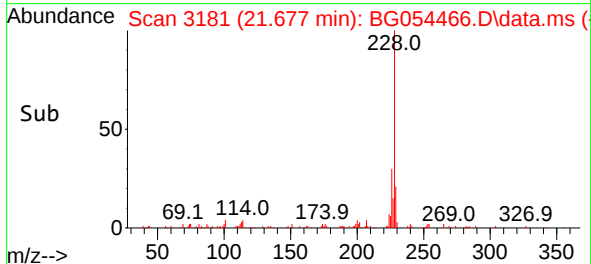
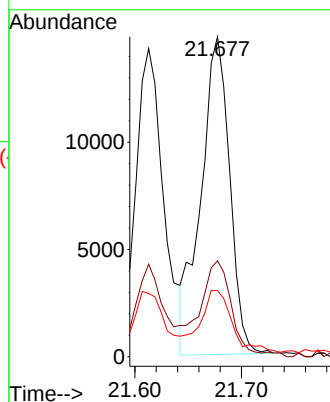
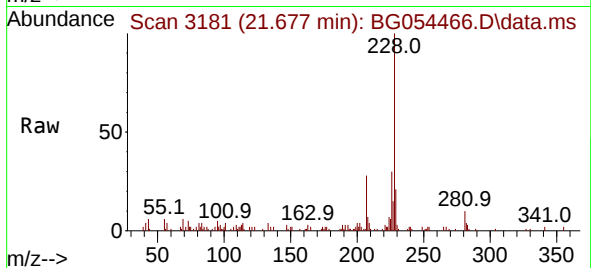
Tgt Ion:228 Resp: 27945

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

229 20.7 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 3718

Delta R.T. -0.001 min

Lab File: BG054466.D

Acq: 1 Aug 2022 15:58

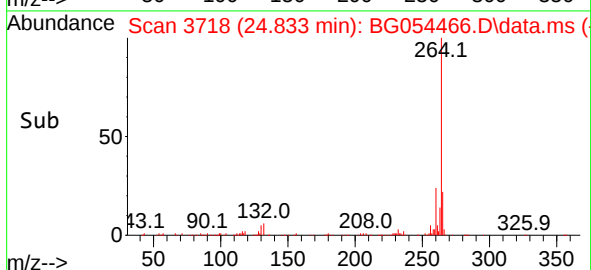
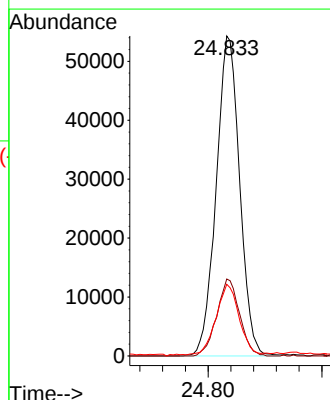
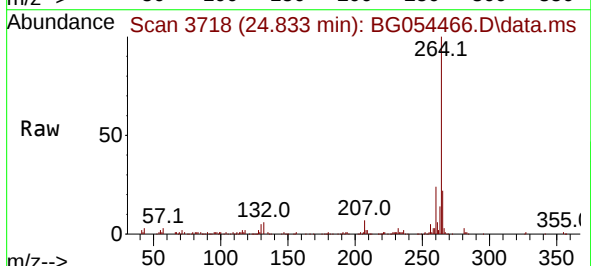
Tgt Ion:264 Resp: 155474

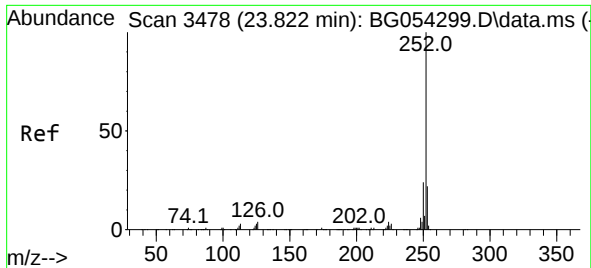
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.4 17.4 26.2

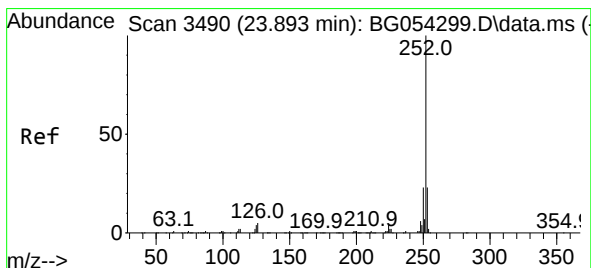
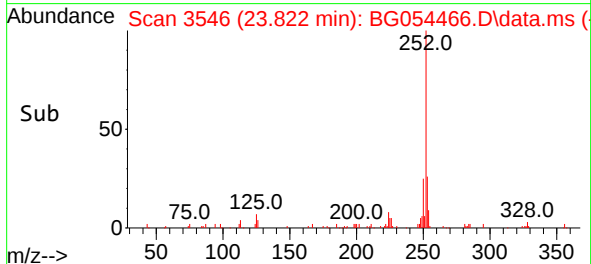
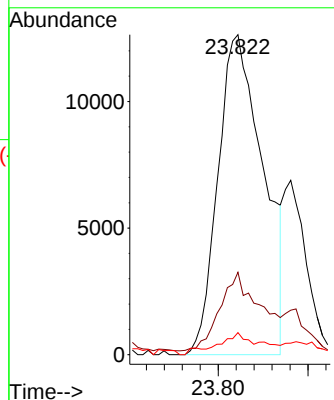
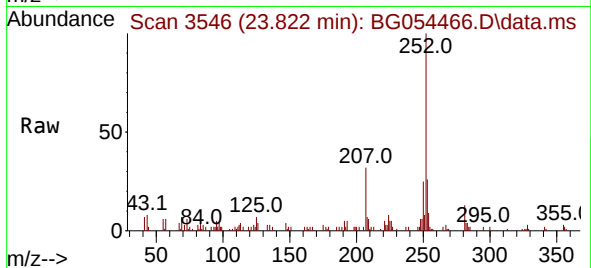




#88
Benzo(b)fluoranthene
Concen: 4.804 ng
RT: 23.822 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

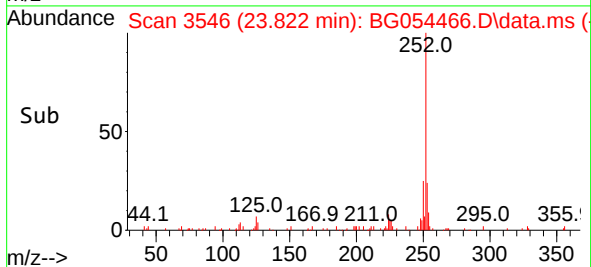
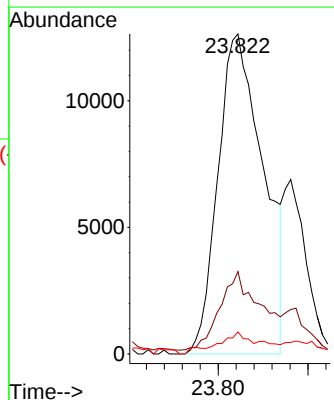
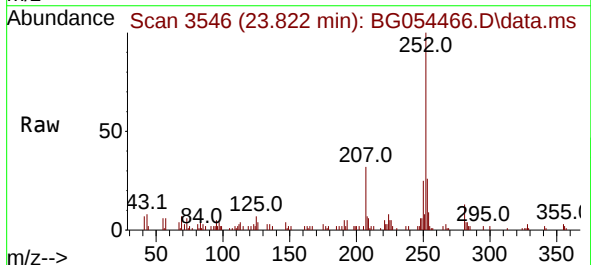
Instrument :
BNA_G
ClientSampleId :
RVE-66

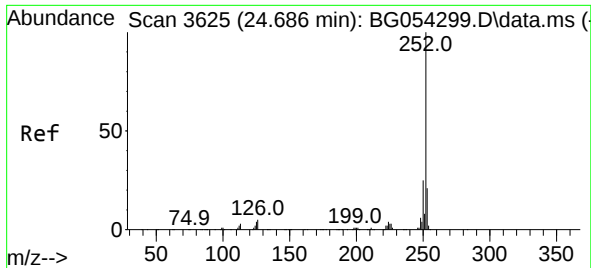
Tgt Ion:252 Resp: 44174
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 6.9 4.6 6.8#



#89
Benzo(k)fluoranthene
Concen: 4.827 ng
RT: 23.822 min Scan# 3546
Delta R.T. -0.065 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:252 Resp: 44174
Ion Ratio Lower Upper
252 100
253 25.7 18.4 27.6
125 6.9 4.8 7.2

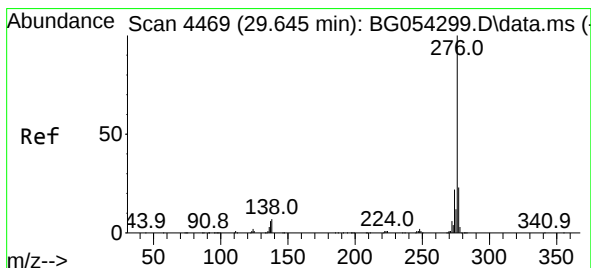
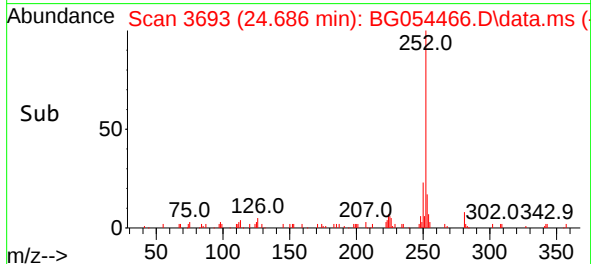
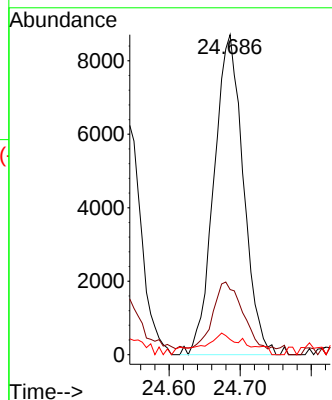
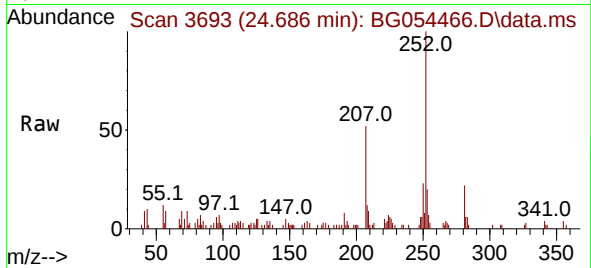




#90
Benzo(a)pyrene
Concen: 3.180 ng
RT: 24.686 min Scan# 30
Delta R.T. -0.001 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Instrument :
BNA_G
ClientSampleId :
RVE-66

Tgt Ion:252 Resp: 24970
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.8
125 4.8 4.3 6.5



#92
Benzo(g,h,i)perylene
Concen: 2.078 ng
RT: 29.650 min Scan# 4538
Delta R.T. -0.012 min
Lab File: BG054466.D
Acq: 1 Aug 2022 15:58

Tgt Ion:276 Resp: 19944
Ion Ratio Lower Upper
276 100
277 23.8 17.3 25.9
138 8.8 9.6 14.4#

