

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054533.D
 Acq On : 5 Aug 2022 13:21
 Operator : CG/JU
 Sample : N3930-15RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-107

Quant Time: Aug 06 05:39:26 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)

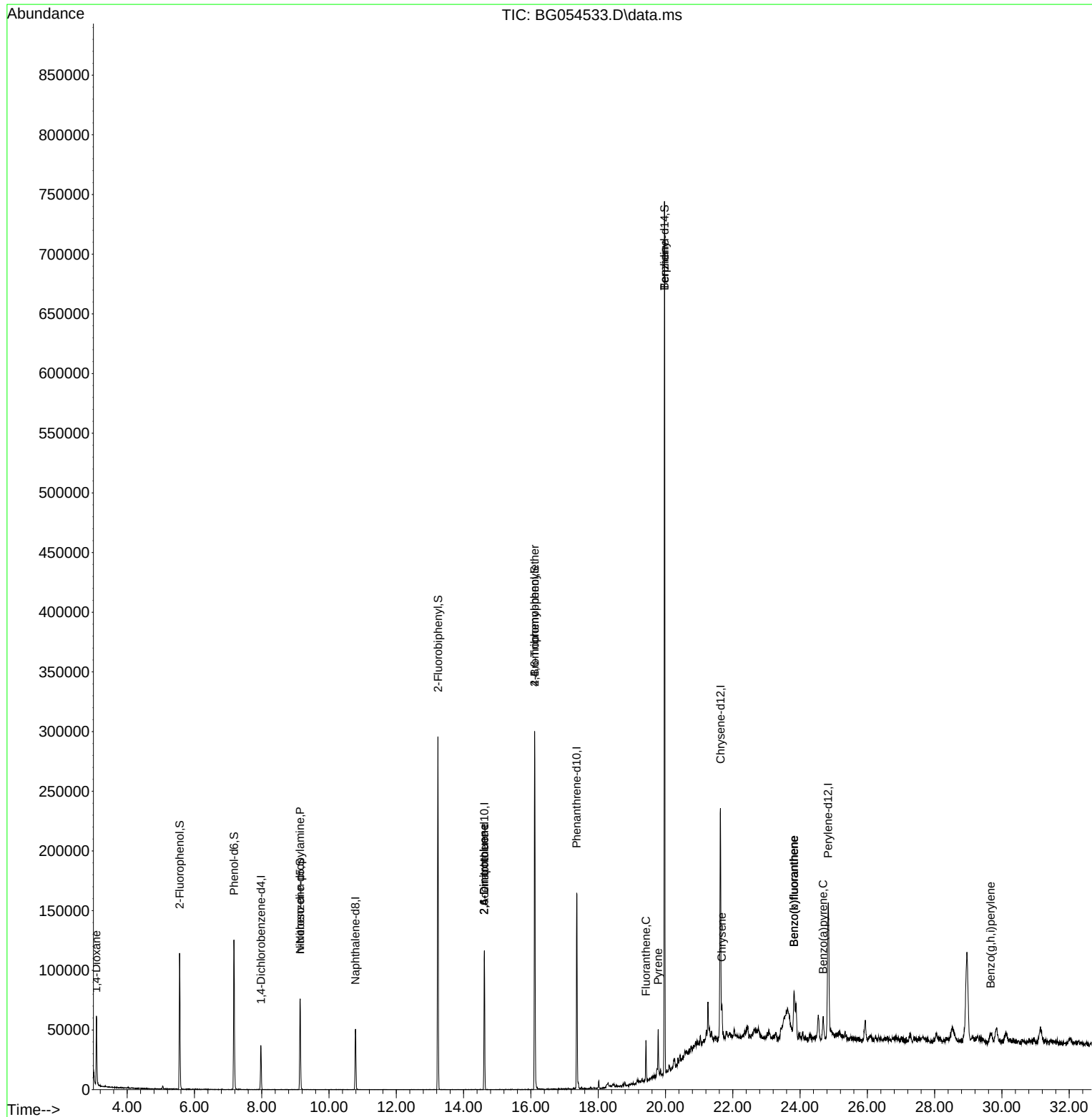
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	11589	20.000	ng	0.00
21) Naphthalene-d8	10.788	136	49496	20.000	ng	# 0.00
39) Acenaphthene-d10	14.619	164	45363	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	123463	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	131492	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	138886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.559	112	51503	92.788	ng	0.00
7) Phenol-d6	7.175	99	73355	96.448	ng	0.00
23) Nitrobenzene-d5	9.143	82	49418	54.371	ng	0.00
42) 2,4,6-Tribromophenol	16.111	330	82658	86.784	ng	0.00
45) 2-Fluorobiphenyl	13.238	172	173631	53.996	ng	0.00
79) Terphenyl-d14	19.972	244	409147	61.727	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.080	88	788	3.568	ng	# 1
19) n-Nitroso-di-n-propyla...	9.143	70	6735	13.261	ng	# 80
51) 2,6-Dinitrotoluene	14.613	165	6437	8.282	ng	# 16
57) 2,4-Dinitrotoluene	14.613	165	6437	5.777	ng	# 21
67) 4-Bromophenyl-phenylether	16.111	248	4950	2.855	ng	# 1
75) Fluoranthene	19.419	202	22994	2.744	ng	98
77) Benzidine	19.972	184	5323	2.235	ng	# 92
78) Pyrene	19.784	202	26568	3.521	ng	99
83) Chrysene	21.675	228	27726	3.516	ng	97
88) Benzo(b)fluoranthene	23.820	252	52793	6.428	ng	97
89) Benzo(k)fluoranthene	23.820	252	52793	6.458	ng	98
90) Benzo(a)pyrene	24.684	252	20311	2.896	ng	# 99
92) Benzo(g,h,i)perylene	29.666	276	18224	2.125	ng	# 86

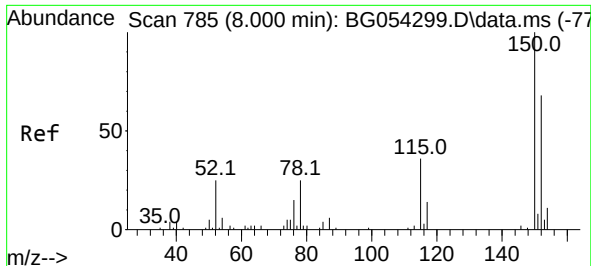
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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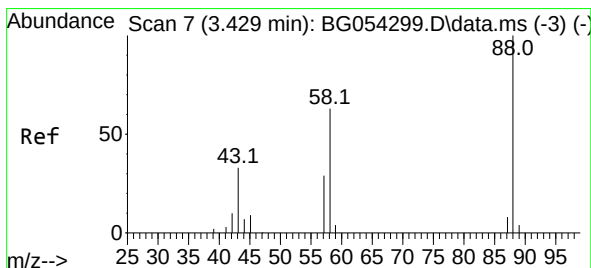
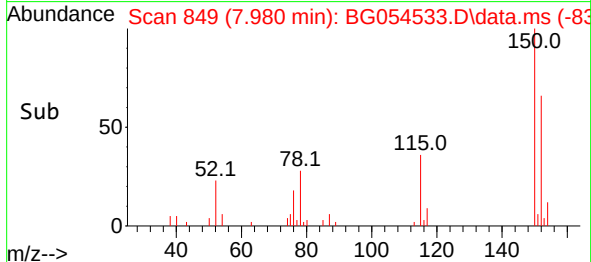
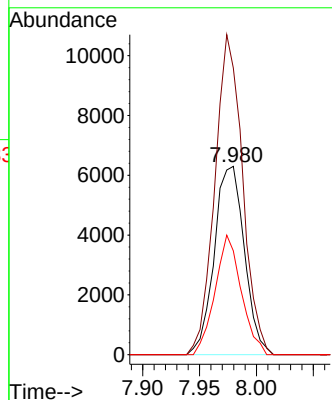
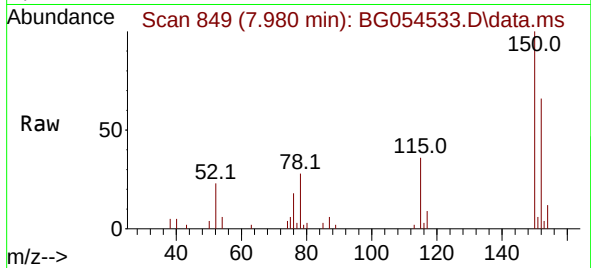




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.980 min Scan# 84
 Delta R.T. -0.008 min
 Lab File: BG054533.D
 Acq: 5 Aug 2022 13:21

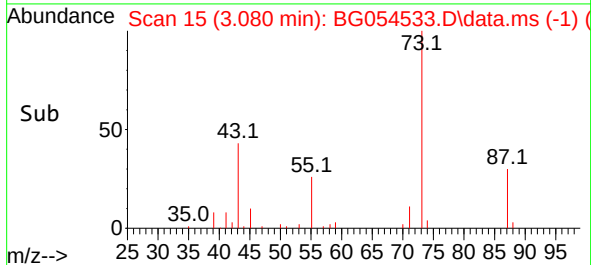
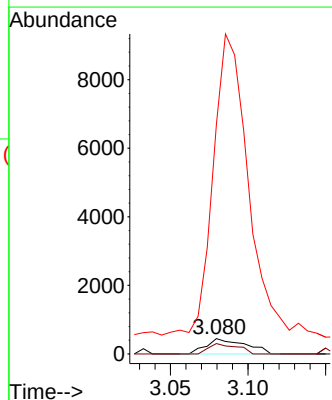
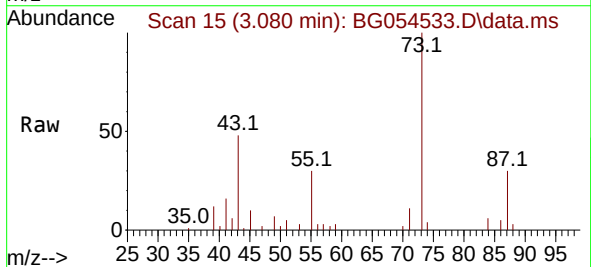
Instrument :
 BNA_G
 ClientSampleId :
 RVE-107

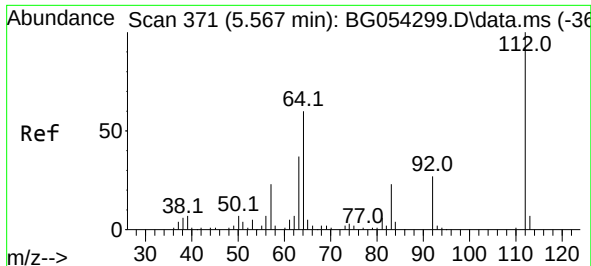
Tgt Ion:152 Resp: 11589
 Ion Ratio Lower Upper
 152 100
 150 152.3 131.6 197.4
 115 55.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 3.568 ng
 RT: 3.080 min Scan# 15
 Delta R.T. -0.338 min
 Lab File: BG054533.D
 Acq: 5 Aug 2022 13:21

Tgt Ion: 88 Resp: 788
 Ion Ratio Lower Upper
 88 100
 58 49.4 59.2 88.8#
 43 1802.8 24.3 36.5#

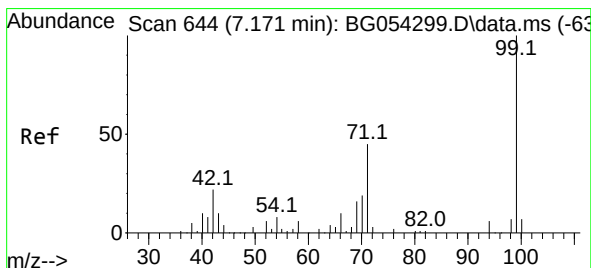
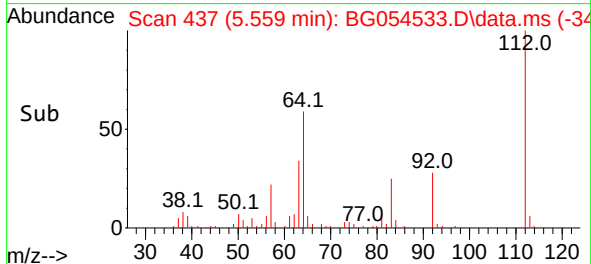
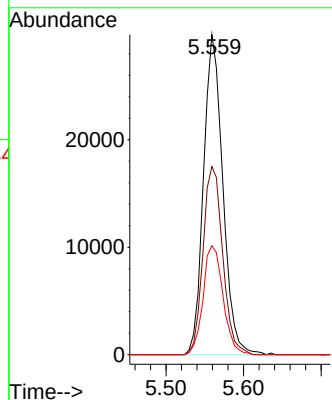
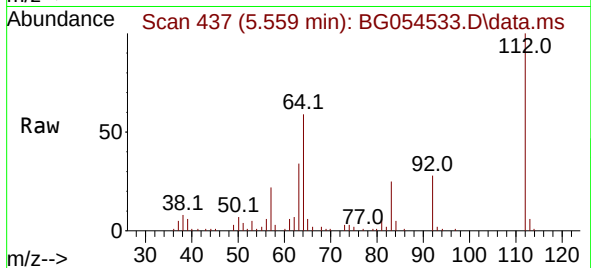




#5
2-Fluorophenol
Concen: 92.788 ng
RT: 5.559 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

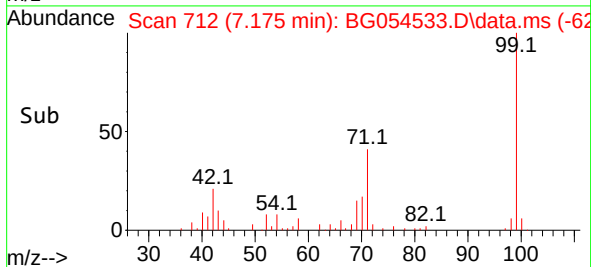
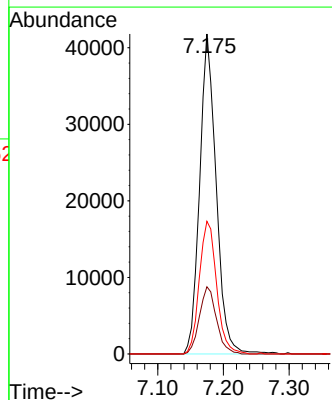
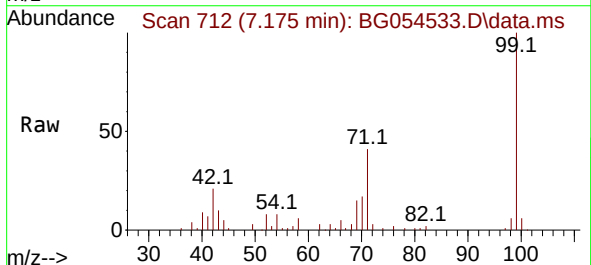
Instrument :
BNA_G
ClientSampleId :
RVE-107

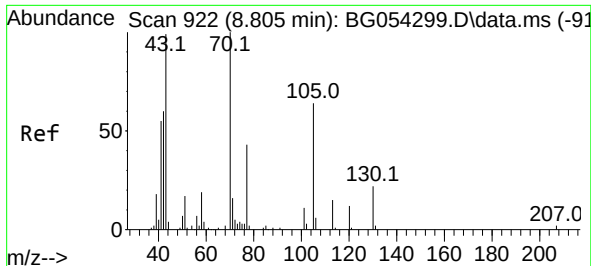
Tgt Ion:112 Resp: 51503
Ion Ratio Lower Upper
112 100
64 58.8 55.1 82.7
63 34.0 30.4 45.6



#7
Phenol-d6
Concen: 96.448 ng
RT: 7.175 min Scan# 712
Delta R.T. 0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion: 99 Resp: 73355
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 41.5 33.8 50.8

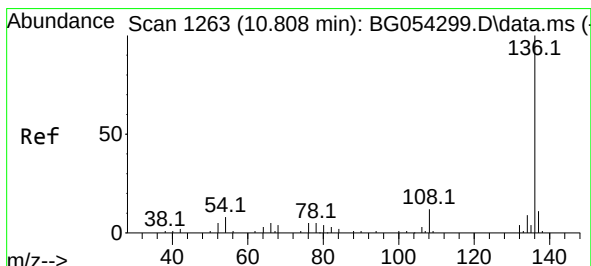
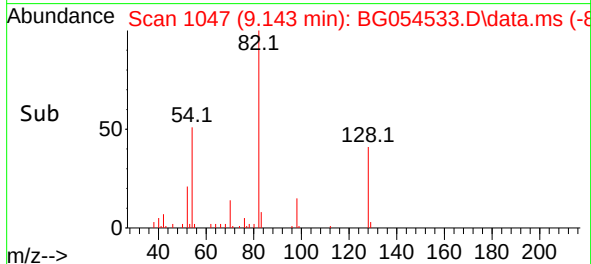
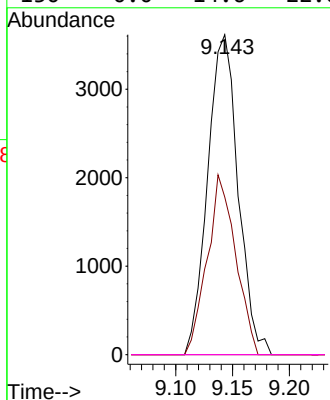
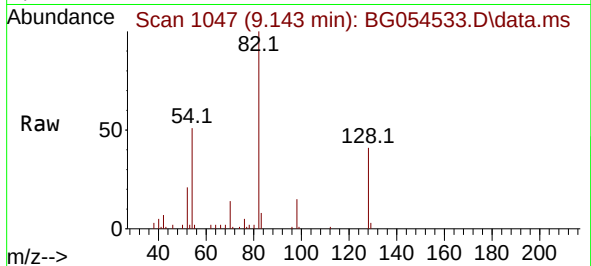




#19
n-Nitroso-di-n-propylamine
Concen: 13.261 ng
RT: 9.143 min Scan# 1047
Delta R.T. 0.350 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

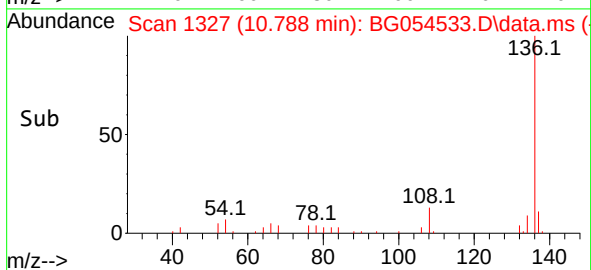
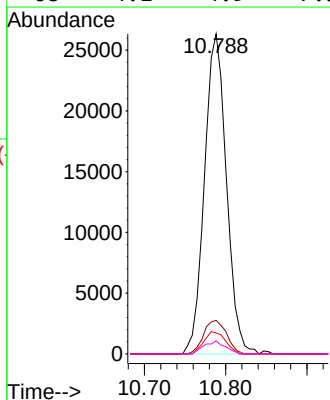
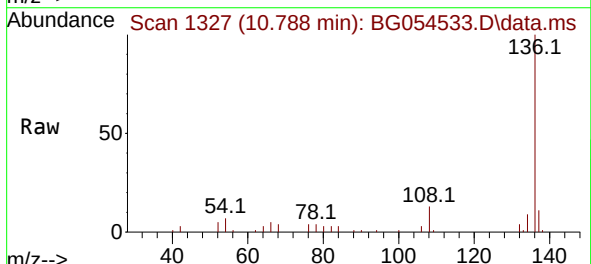
Instrument :
BNA_G
ClientSampleId :
RVE-107

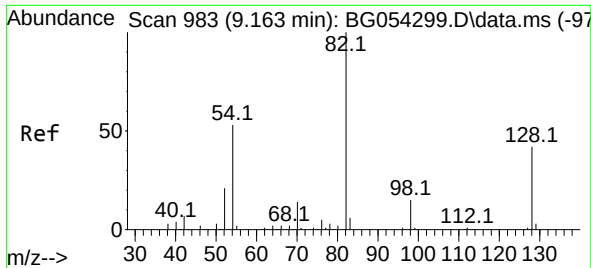
Tgt Ion: 70	Resp: 6735
Ion Ratio	Lower Upper
70 100	
42 49.2	47.3 70.9
101 0.0	7.0 10.4#
130 0.0	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.788 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt	Ion:136	Resp:	49496
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.5	7.4	11.2#
68	4.1	4.9	7.3#

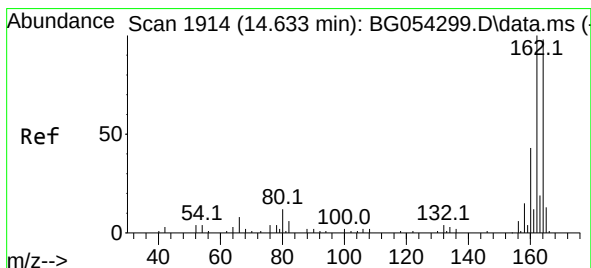
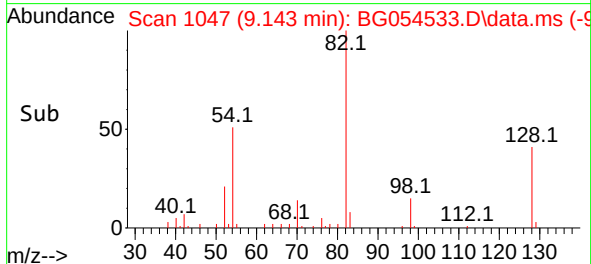
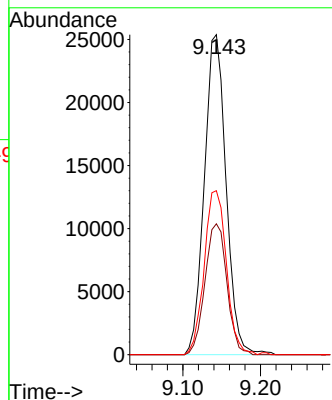
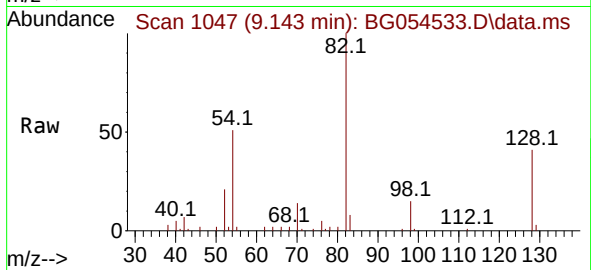




#23
Nitrobenzene-d5
Concen: 54.371 ng
RT: 9.143 min Scan# 1047
Delta R.T. -0.009 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

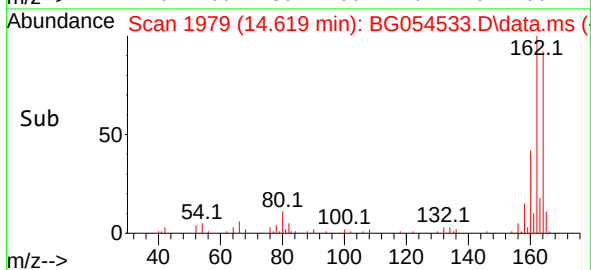
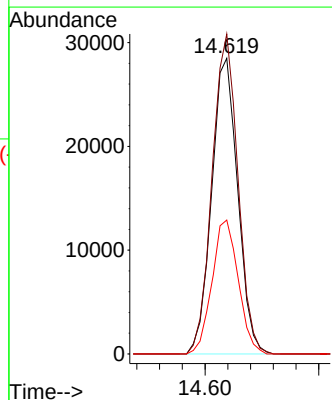
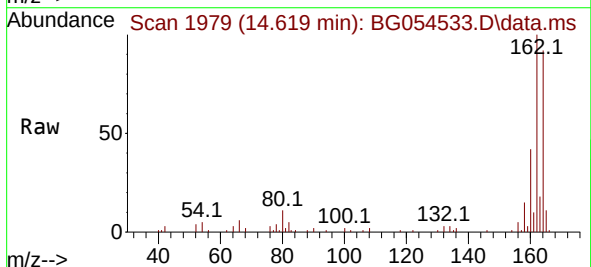
Instrument :
BNA_G
ClientSampleId :
RVE-107

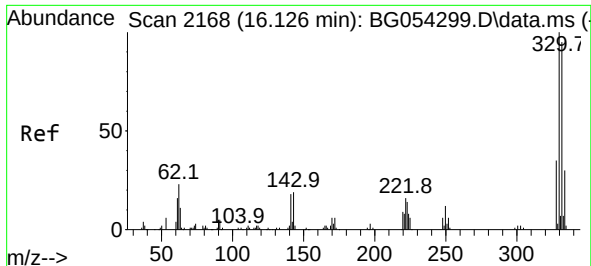
Tgt Ion: 82 Resp: 49418
Ion Ratio Lower Upper
82 100
128 40.9 27.9 41.9
54 51.2 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1979
Delta R.T. -0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion:164 Resp: 45363
Ion Ratio Lower Upper
164 100
162 108.2 82.3 123.5
160 45.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 86.784 ng

RT: 16.111 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG054533.D

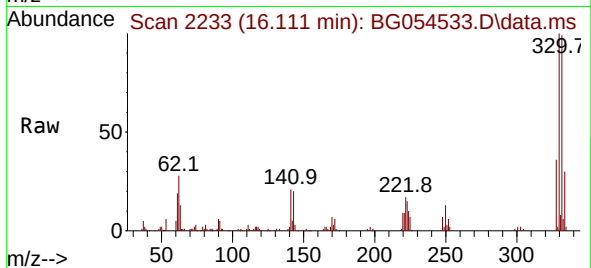
Acq: 5 Aug 2022 13:21

Instrument :

BNA_G

ClientSampleId :

RVE-107



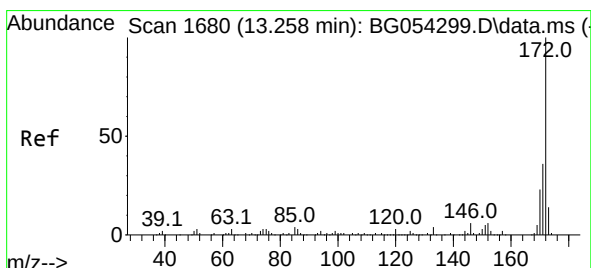
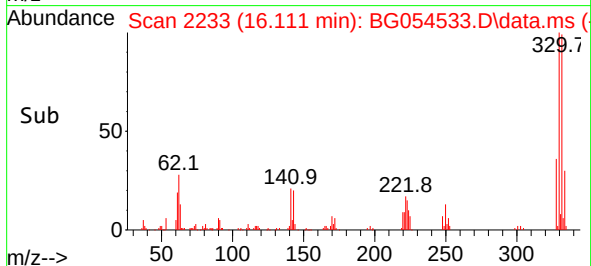
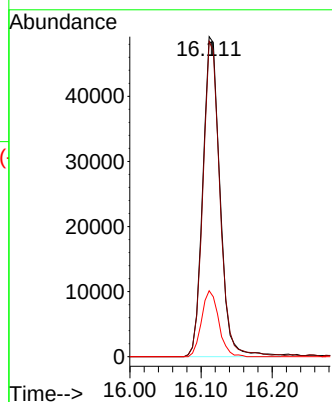
Tgt Ion:330 Resp: 82658

Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 20.6 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 53.996 ng

RT: 13.238 min Scan# 1744

Delta R.T. -0.009 min

Lab File: BG054533.D

Acq: 5 Aug 2022 13:21

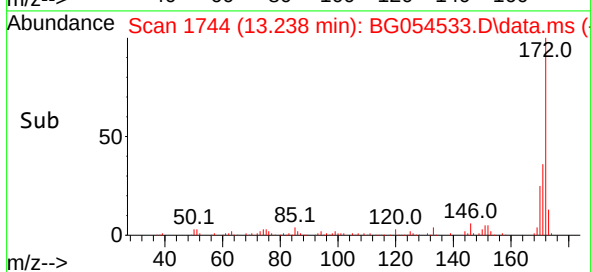
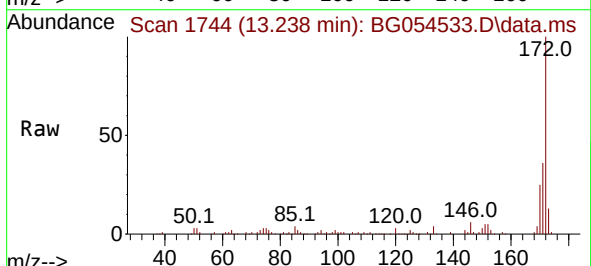
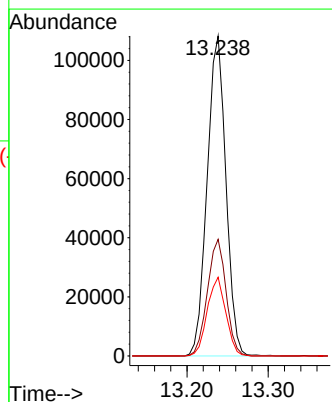
Tgt Ion:172 Resp: 173631

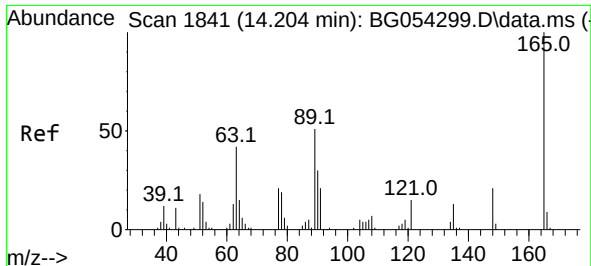
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.6 18.9 28.3

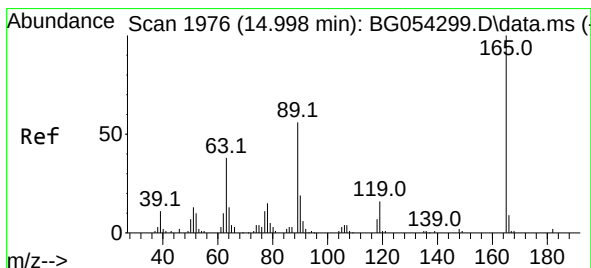
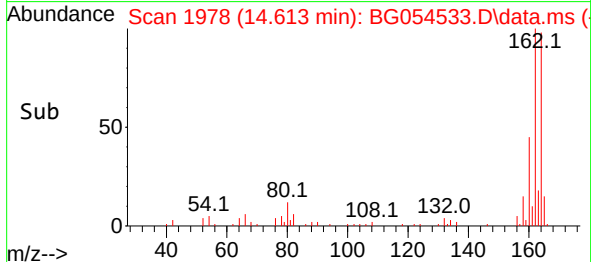
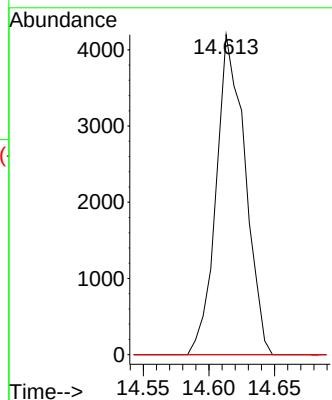
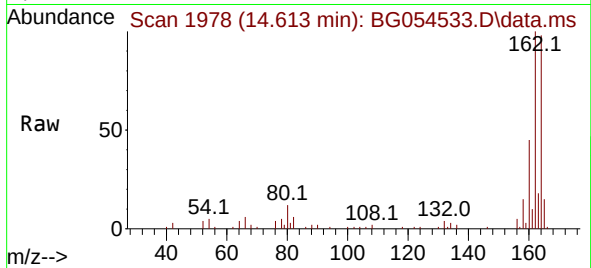




#51
2,6-Dinitrotoluene
Concen: 8.282 ng
RT: 14.613 min Scan# 1978
Delta R.T. 0.414 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

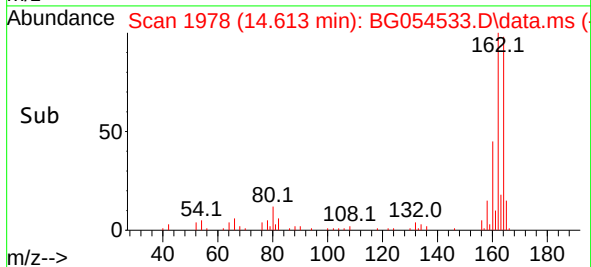
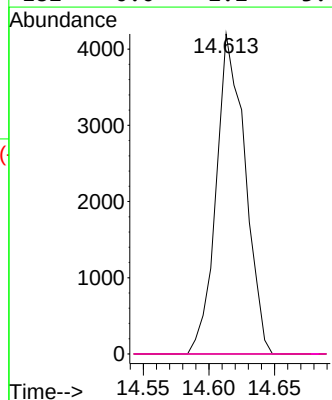
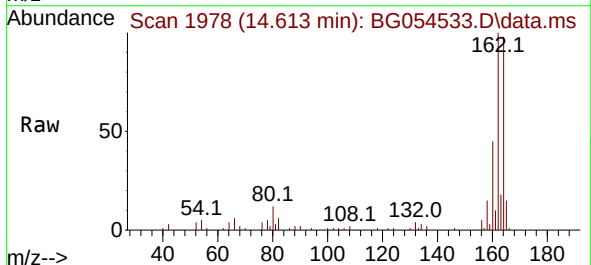
Instrument :
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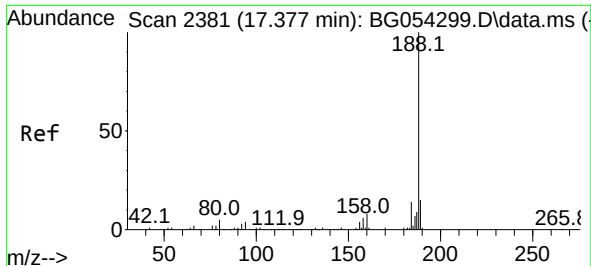
Tgt Ion:165 Resp: 6437
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.777 ng
RT: 14.613 min Scan# 1978
Delta R.T. -0.379 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion:165 Resp: 6437
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#

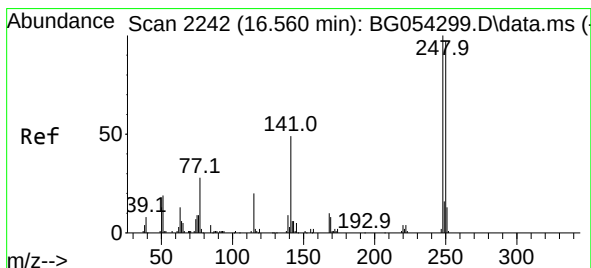
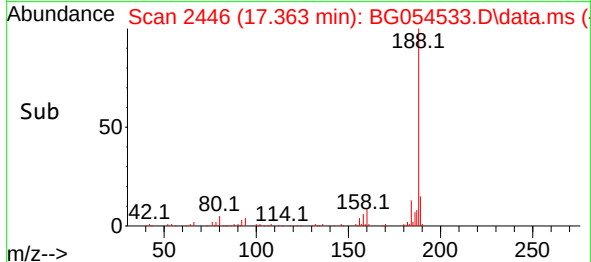
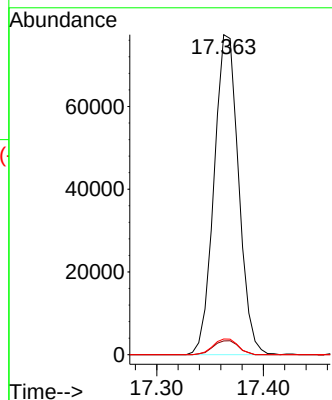
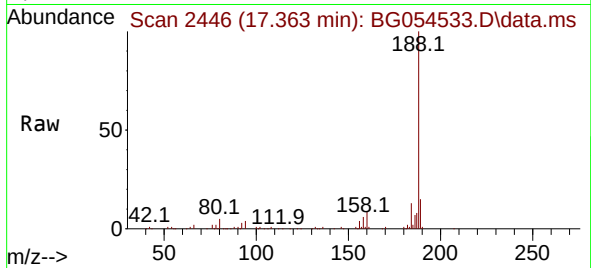




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.363 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

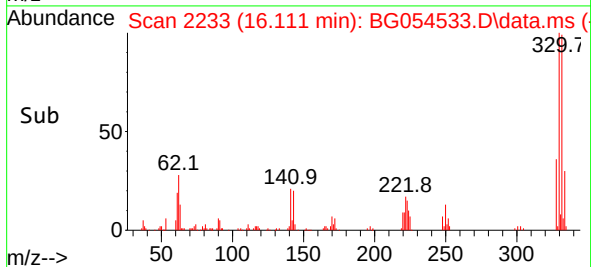
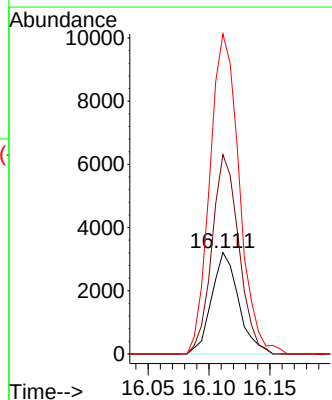
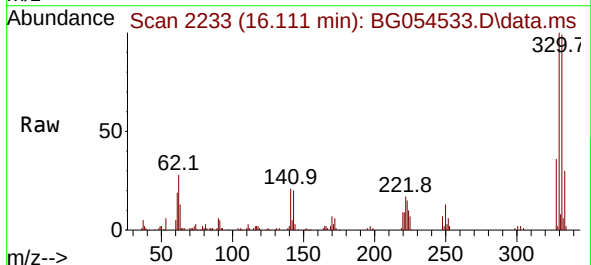
Instrument :
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RVE-107

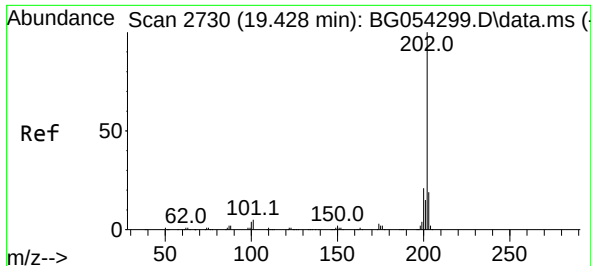
Tgt Ion:188 Resp: 123463
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.9 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 2.855 ng
RT: 16.111 min Scan# 2233
Delta R.T. -0.443 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion:248 Resp: 4950
Ion Ratio Lower Upper
248 100
250 196.5 75.2 112.8#
141 315.4 50.0 75.0#

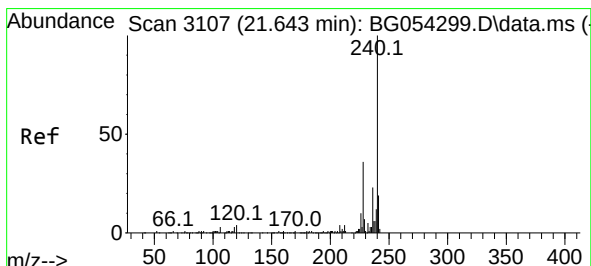
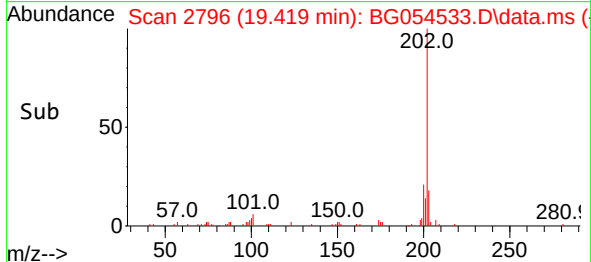
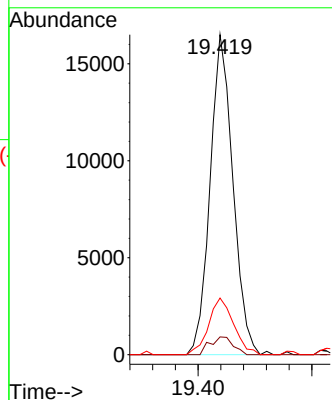
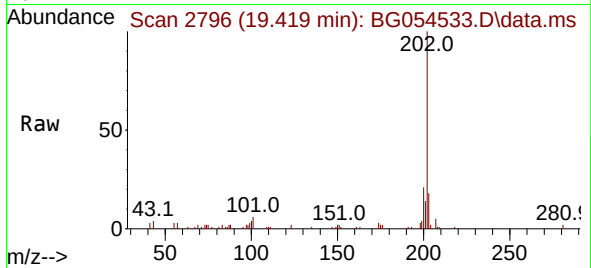




#75
Fluoranthene
Concen: 2.744 ng
RT: 19.419 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

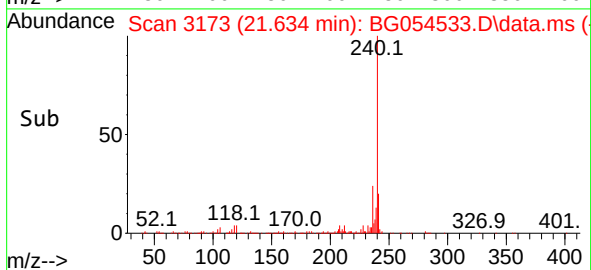
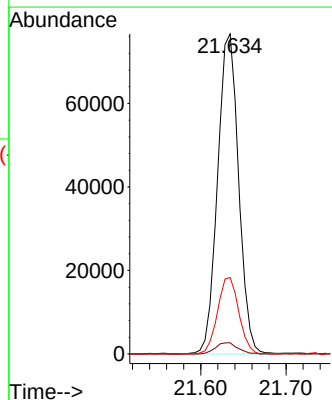
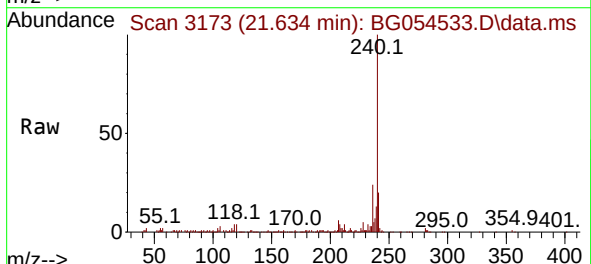
Instrument :
BNA_G
ClientSampleId :
RVE-107

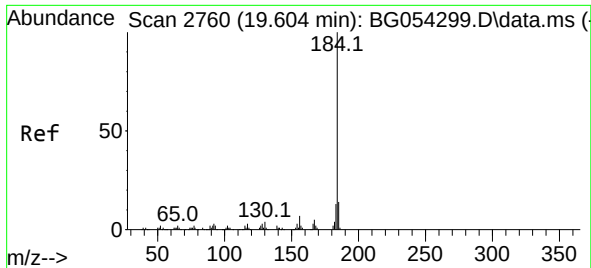
Tgt Ion:202 Resp: 22994
Ion Ratio Lower Upper
202 100
101 5.5 0.0 26.9
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.634 min Scan# 3173
Delta R.T. -0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion:240 Resp: 131492
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 23.9 20.2 30.4

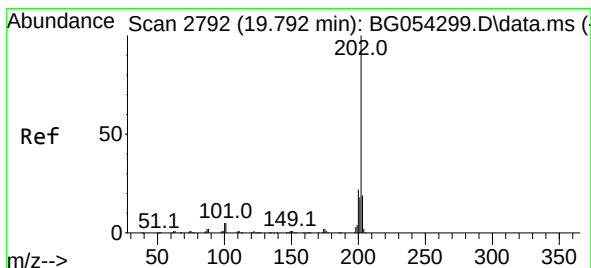
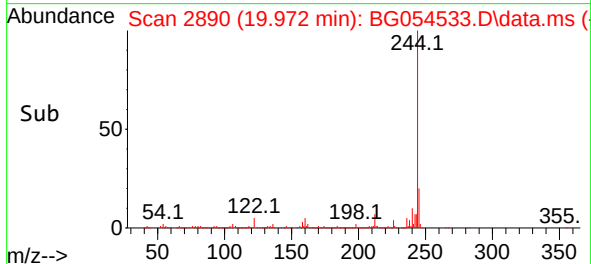
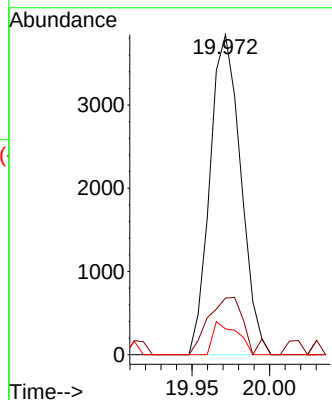
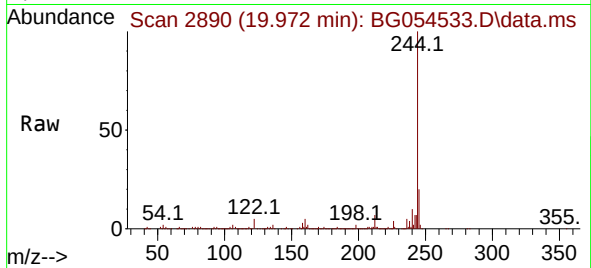




#77
Benzidine
Concen: 2.235 ng
RT: 19.972 min Scan# 2890
Delta R.T. 0.373 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

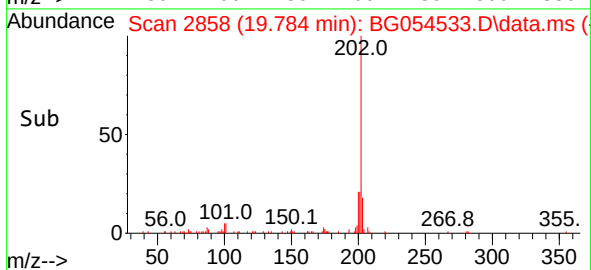
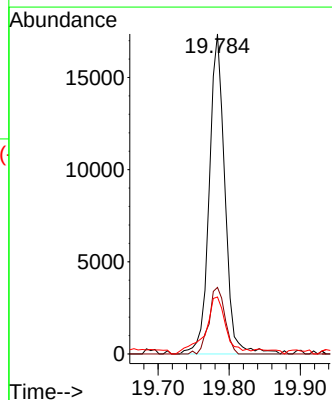
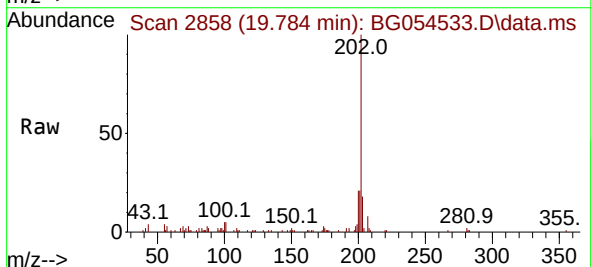
Instrument :
BNA_G
ClientSampleId :
RVE-107

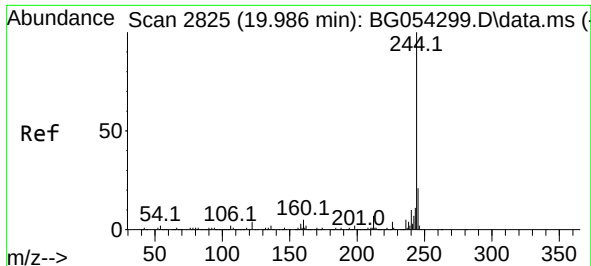
Tgt Ion:184 Resp: 5323
Ion Ratio Lower Upper
184 100
185 17.7 11.8 17.6#
183 8.1 8.9 13.3#



#78
Pyrene
Concen: 3.521 ng
RT: 19.784 min Scan# 2858
Delta R.T. -0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion:202 Resp: 26568
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.8 14.6 21.8

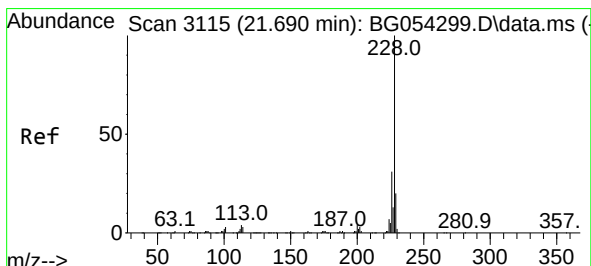
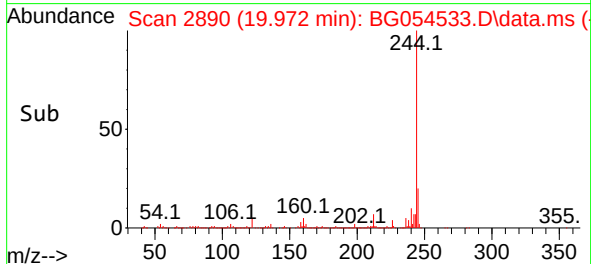
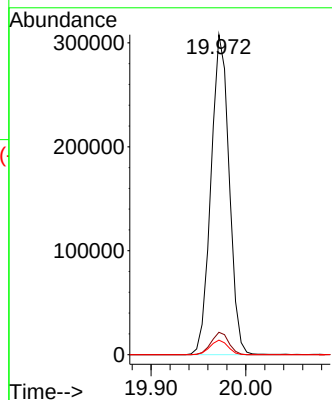
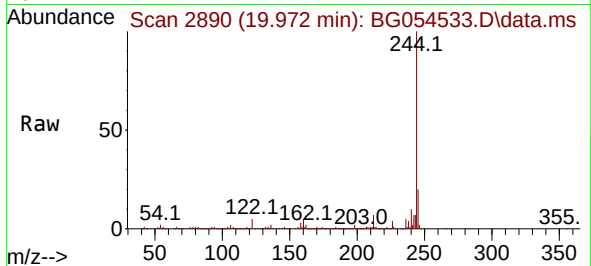




#79
 Terphenyl-d14
 Concen: 61.727 ng
 RT: 19.972 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG054533.D
 Acq: 5 Aug 2022 13:21

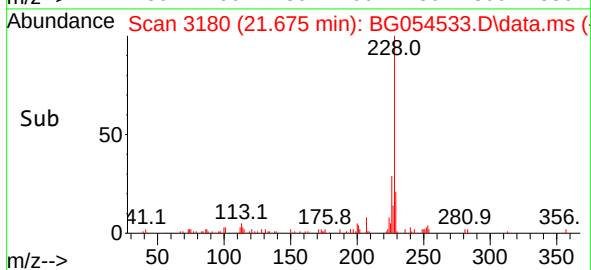
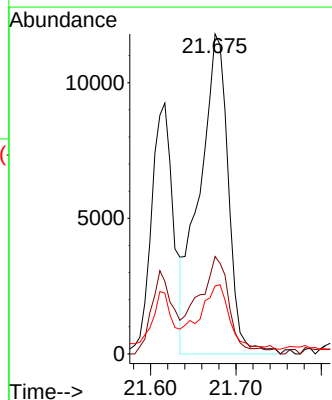
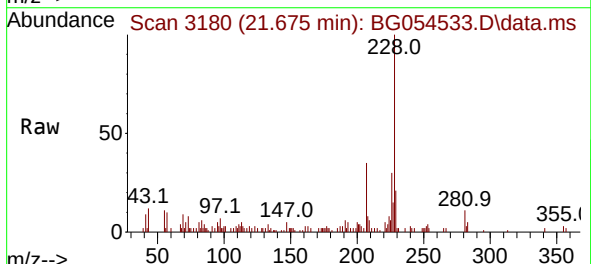
Instrument :
 BNA_G
 ClientSampleId :
 RVE-107

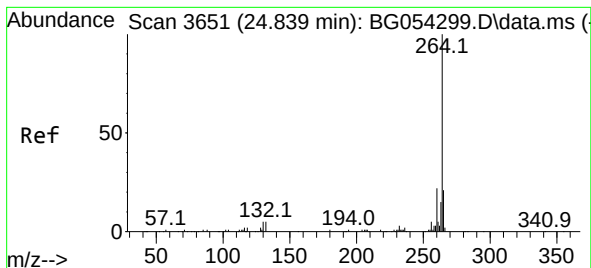
Tgt Ion:244 Resp: 409147
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.5 5.0 7.4#



#83
 Chrysene
 Concen: 3.516 ng
 RT: 21.675 min Scan# 3180
 Delta R.T. -0.009 min
 Lab File: BG054533.D
 Acq: 5 Aug 2022 13:21

Tgt Ion:228 Resp: 27726
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.4 35.2
 229 21.3 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.836 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG054533.D

Acq: 5 Aug 2022 13:21

Instrument :

BNA_G

ClientSampleId :

RVE-107

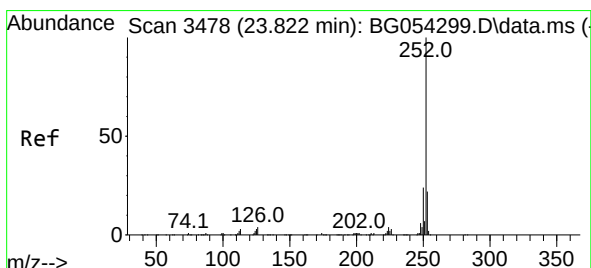
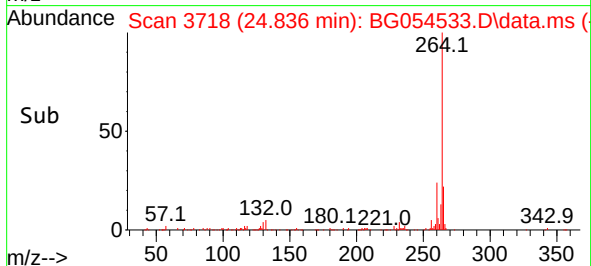
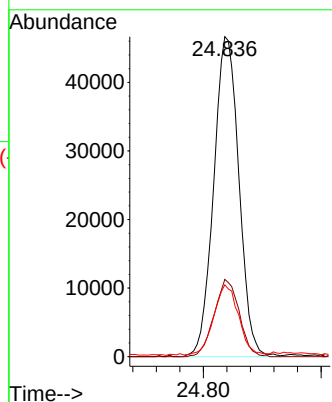
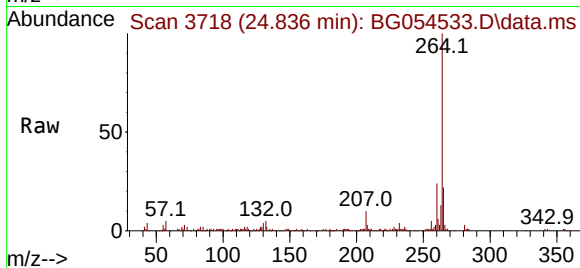
Tgt Ion:264 Resp: 138886

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: 6.428 ng

RT: 23.820 min Scan# 3545

Delta R.T. -0.003 min

Lab File: BG054533.D

Acq: 5 Aug 2022 13:21

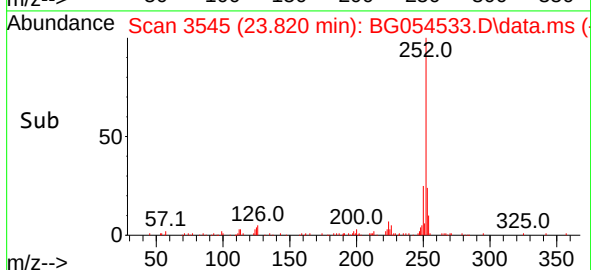
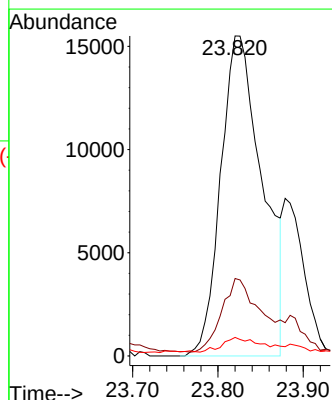
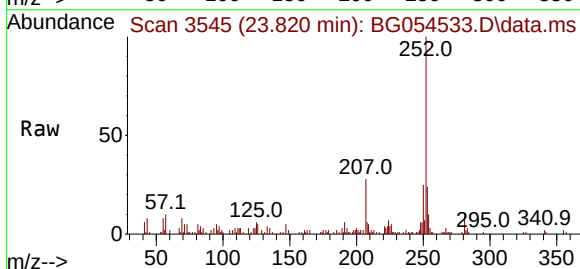
Tgt Ion:252 Resp: 52793

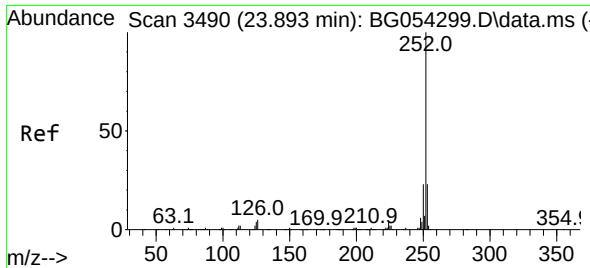
Ion Ratio Lower Upper

252 100

253 24.2 18.0 27.0

125 5.8 4.6 6.8

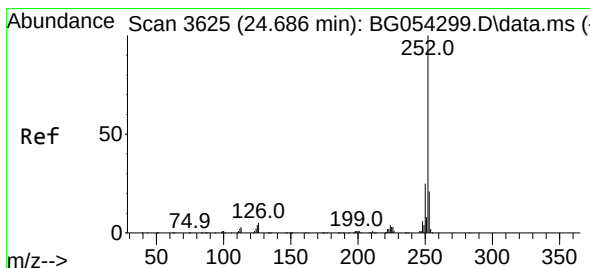
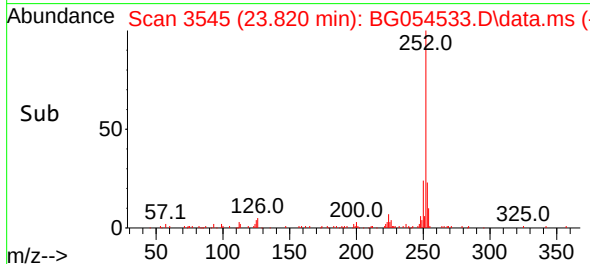
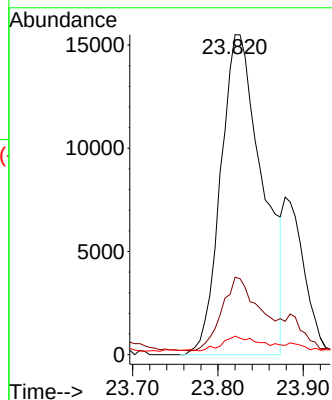
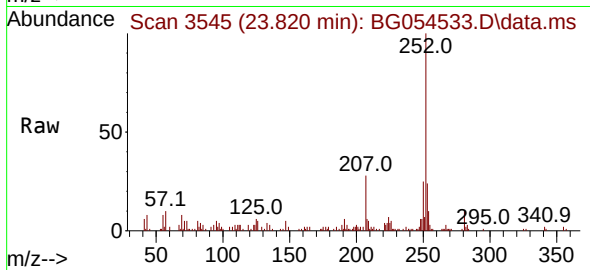




#89
Benzo(k)fluoranthene
Concen: 6.458 ng
RT: 23.820 min Scan# 31
Delta R.T. -0.067 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

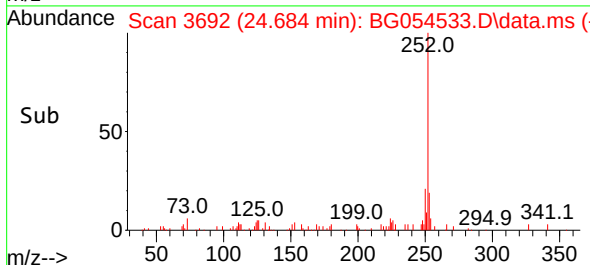
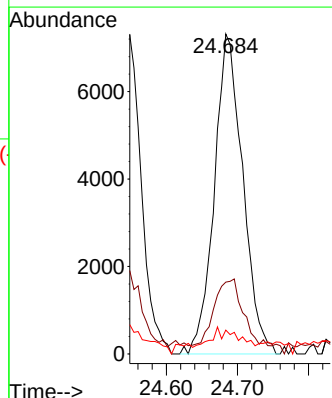
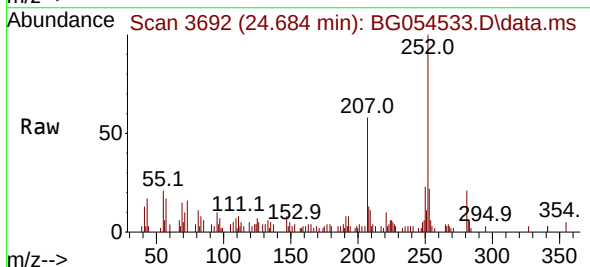
Instrument :
BNA_G
ClientSampleId :
RVE-107

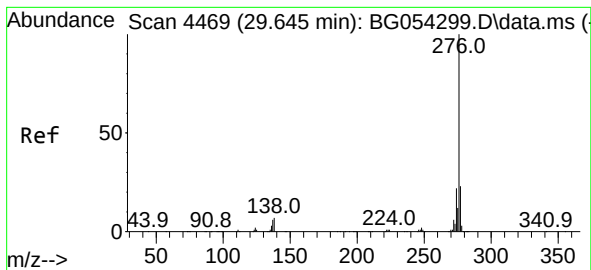
Tgt Ion:252 Resp: 52793
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 5.8 4.8 7.2



#90
Benzo(a)pyrene
Concen: 2.896 ng
RT: 24.684 min Scan# 3692
Delta R.T. -0.003 min
Lab File: BG054533.D
Acq: 5 Aug 2022 13:21

Tgt Ion:252 Resp: 20311
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 7.5 4.3 6.5





#92

Benzo(g,h,i)perylene

Concen: 2.125 ng

RT: 29.666 min Scan# 4

Delta R.T. 0.003 min

Lab File: BG054533.D

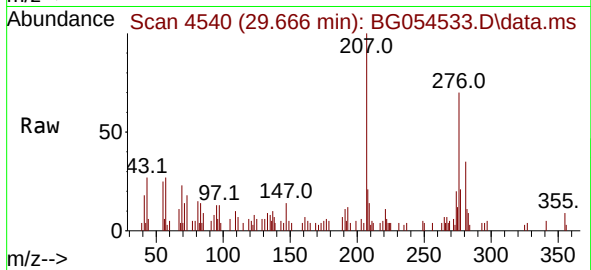
Acq: 5 Aug 2022 13:21

Instrument :

BNA_G

ClientSampleId :

RVE-107



Tgt Ion:276 Resp: 18224

Ion Ratio Lower Upper

276 100

277 29.6 17.3 25.9#

138 15.8 9.6 14.4#

