

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080422\
 Data File : BG054516.D
 Acq On : 4 Aug 2022 12:49
 Operator : CG/JU
 Sample : N3931-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-119

Quant Time: Aug 04 13:44:59 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)

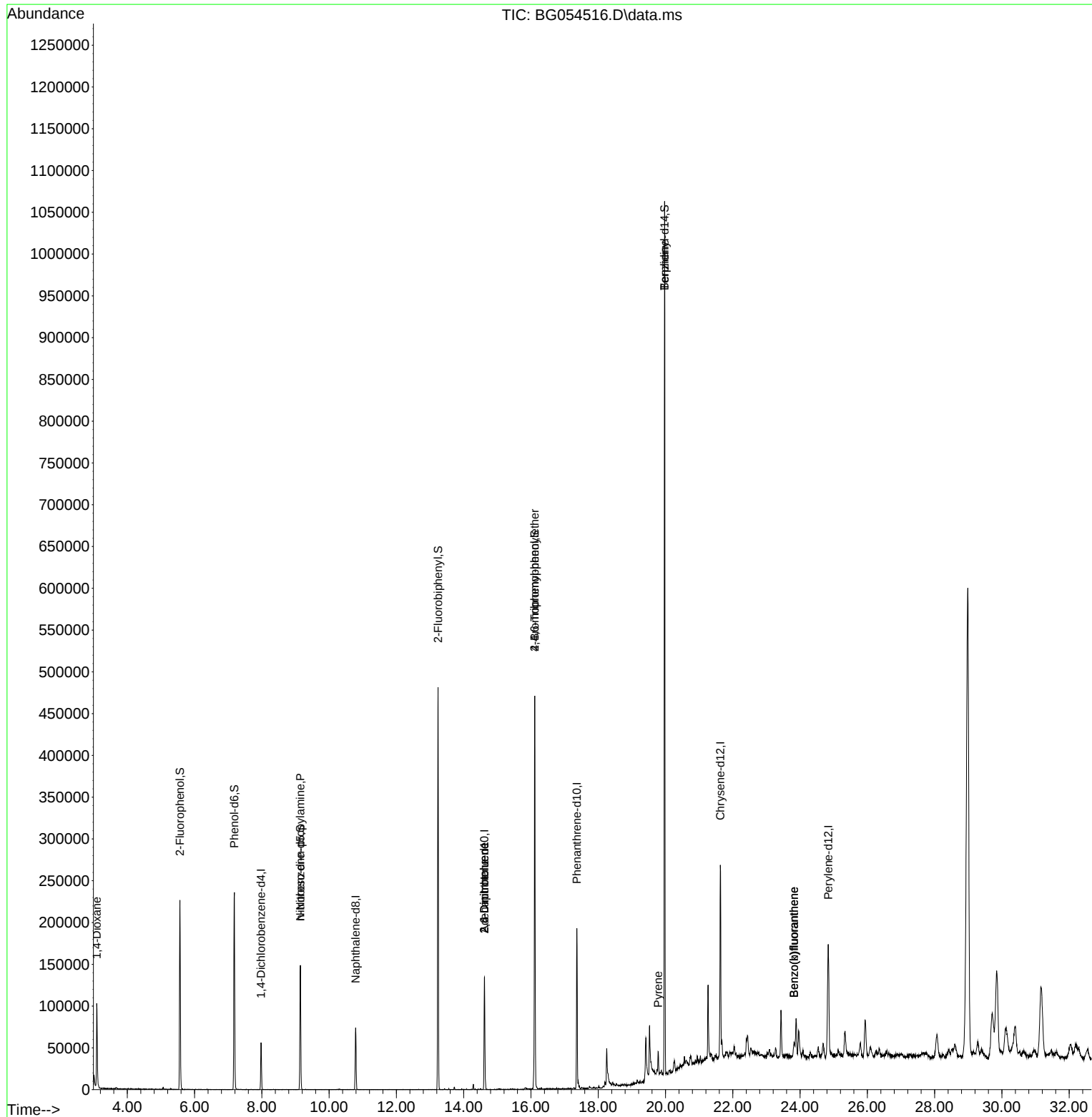
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	18170	20.000	ng	-0.01
21) Naphthalene-d8	10.790	136	68741	20.000	ng	# 0.00
39) Acenaphthene-d10	14.615	164	54684	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	138533	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	158307	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	162413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.566	112	103950	119.447	ng	0.00
7) Phenol-d6	7.182	99	139325	116.837	ng	0.01
23) Nitrobenzene-d5	9.145	82	91260	72.297	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	125338	109.164	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	275187	70.991	ng	0.00
79) Terphenyl-d14	19.973	244	591402	74.111	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	933	2.695	ng	# 1
9) Benzaldehyde	7.170	77	59	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.145	70	12746	16.006	ng	# 81
51) 2,6-Dinitrotoluene	14.615	165	7027	7.500	ng	# 16
57) 2,4-Dinitrotoluene	14.615	165	7027	5.232	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	7721	3.968	ng	# 1
77) Benzidine	19.973	184	7731	2.696	ng	# 91
78) Pyrene	19.785	202	19028	2.095	ng	100
88) Benzo(b)fluoranthene	23.822	252	22461	2.338	ng	99
89) Benzo(k)fluoranthene	23.822	252	22461	2.350	ng	98

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

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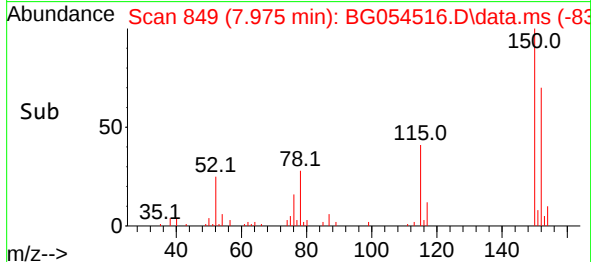
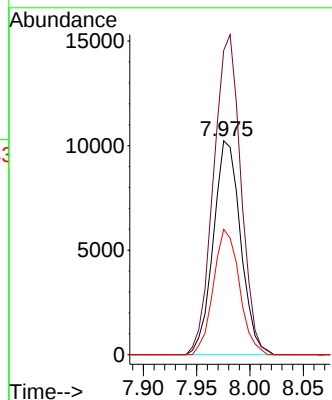
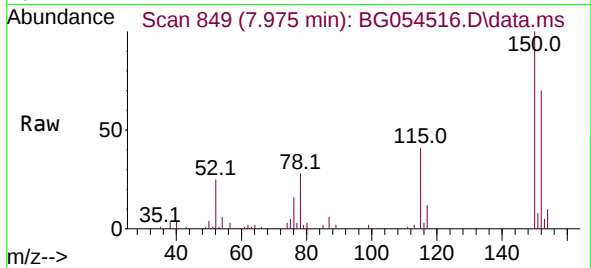




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 84
 Delta R.T. -0.013 min
 Lab File: BG054516.D
 Acq: 4 Aug 2022 12:49

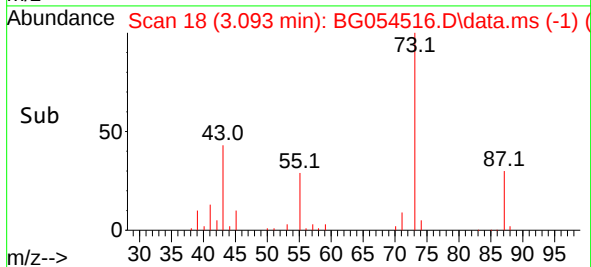
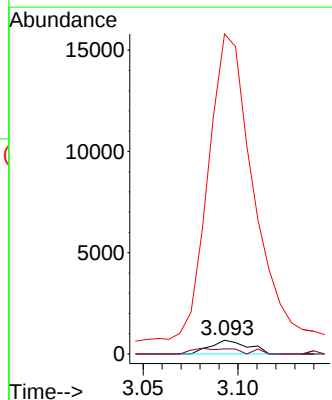
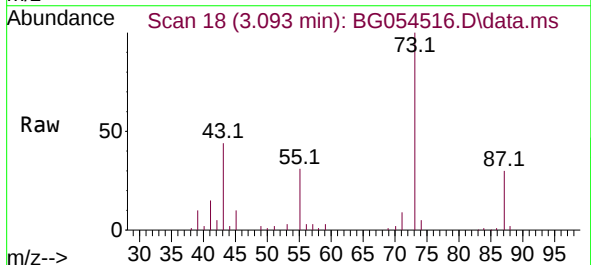
Instrument :
 BNA_G
 ClientSampleId :
 RVE-119

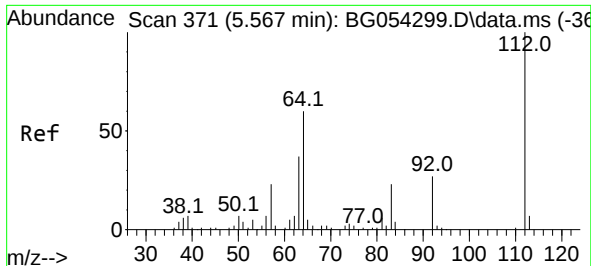
Tgt Ion:152 Resp: 18170
 Ion Ratio Lower Upper
 152 100
 150 142.3 131.6 197.4
 115 58.5 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.695 ng
 RT: 3.093 min Scan# 18
 Delta R.T. -0.324 min
 Lab File: BG054516.D
 Acq: 4 Aug 2022 12:49

Tgt Ion: 88 Resp: 933
 Ion Ratio Lower Upper
 88 100
 58 53.8 59.2 88.8#
 43 2981.8 24.3 36.5#

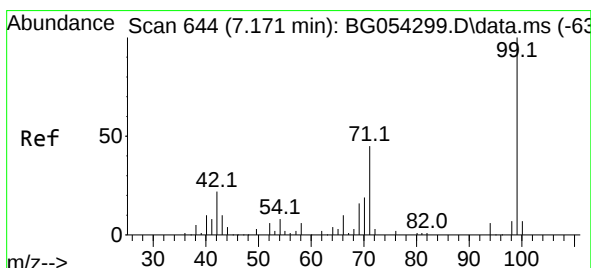
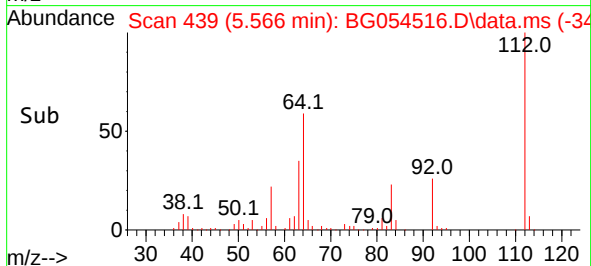
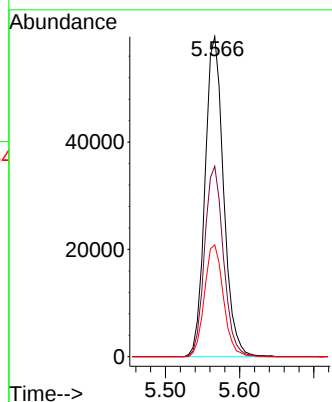
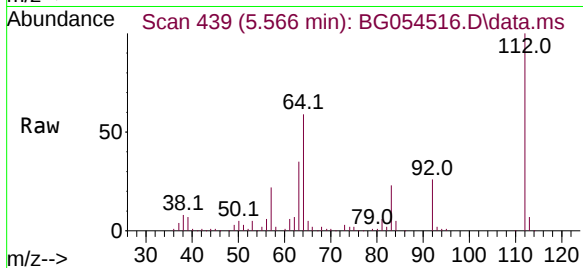




#5
2-Fluorophenol
Concen: 119.447 ng
RT: 5.566 min Scan# 41
Delta R.T. 0.005 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

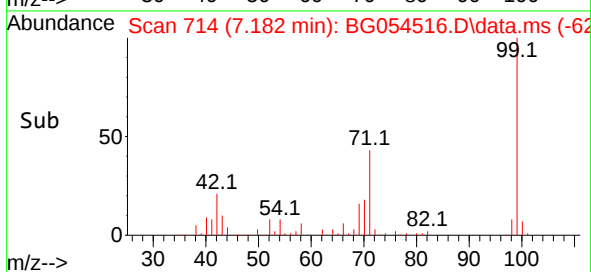
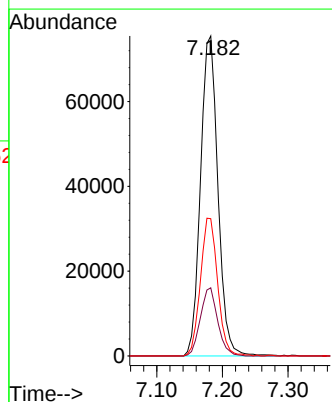
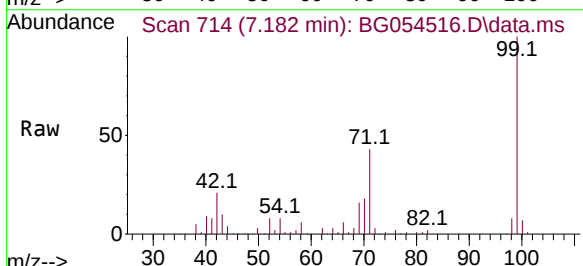
Instrument :
BNA_G
ClientSampleId :
RVE-119

Tgt Ion:112 Resp: 103950
Ion Ratio Lower Upper
112 100
64 59.5 55.1 82.7
63 34.9 30.4 45.6



#7
Phenol-d6
Concen: 116.837 ng
RT: 7.182 min Scan# 714
Delta R.T. 0.011 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion: 99 Resp: 139325
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 42.9 33.8 50.8

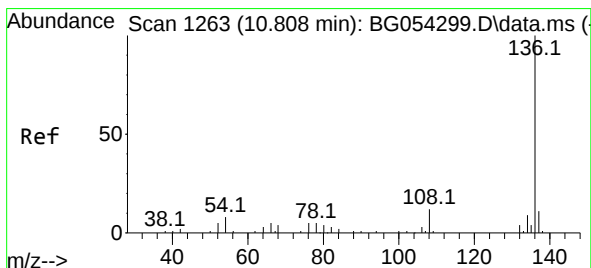
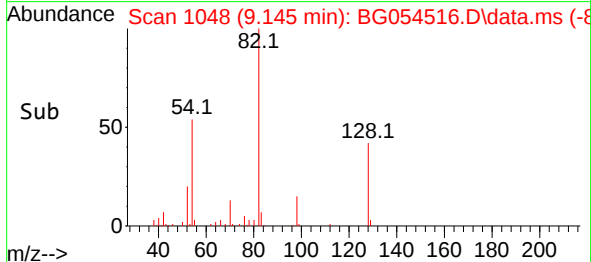
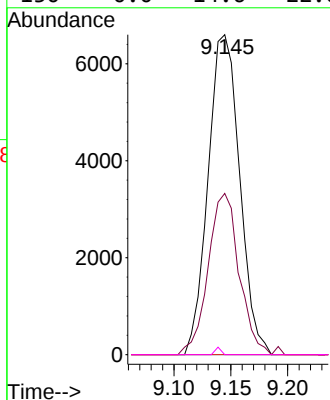
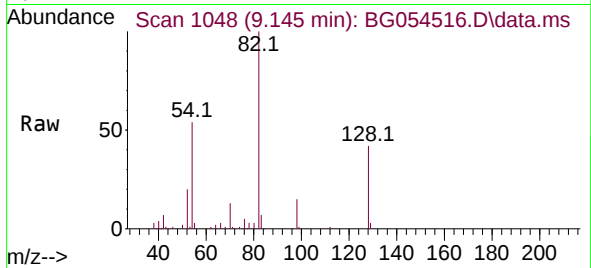




#19
n-Nitroso-di-n-propylamine
Concen: 16.006 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.351 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

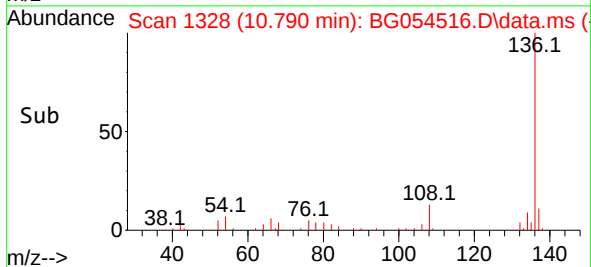
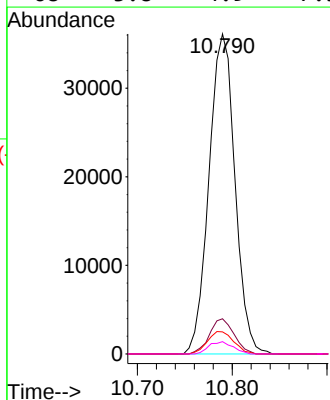
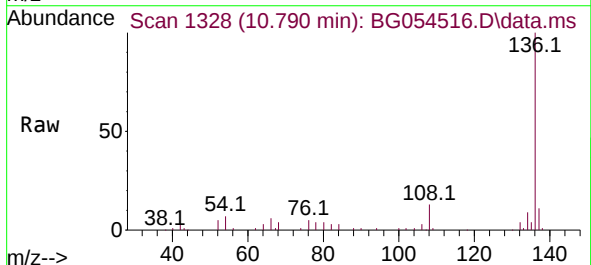
Instrument :
BNA_G
ClientSampleId :
RVE-119

Tgt Ion: 70 Resp: 12746
Ion Ratio Lower Upper
70 100
42 50.4 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: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion: 136 Resp: 68741
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.9 7.4 11.2#
68 3.8 4.9 7.3#

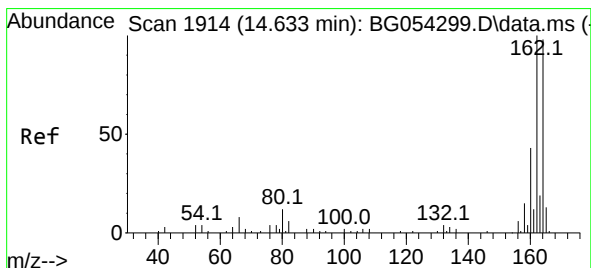
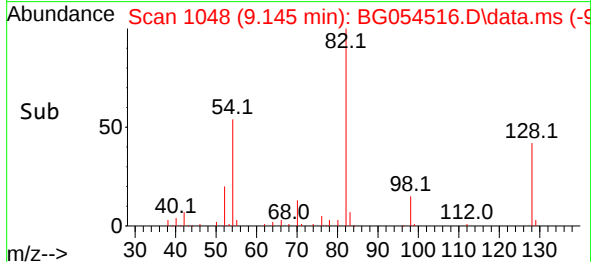
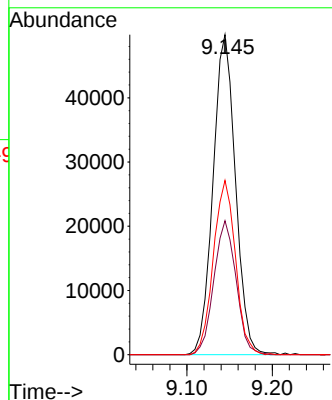
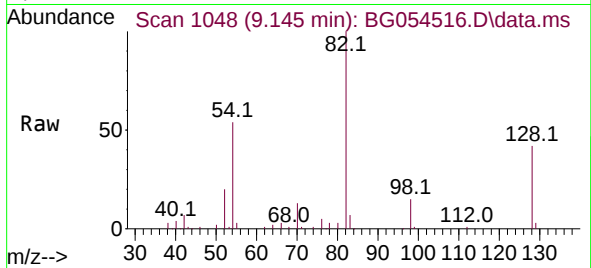




#23
Nitrobenzene-d5
Concen: 72.297 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

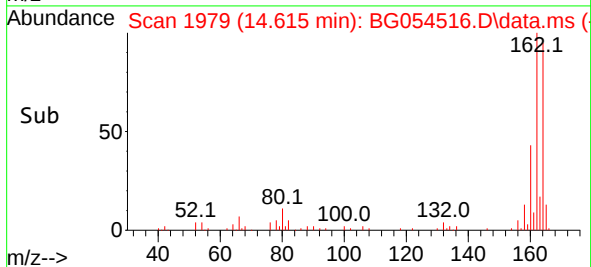
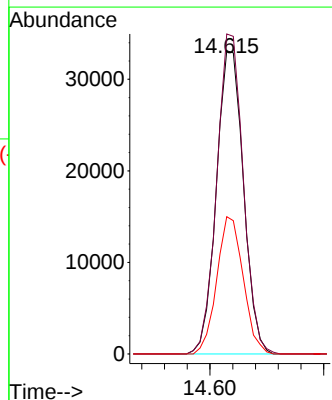
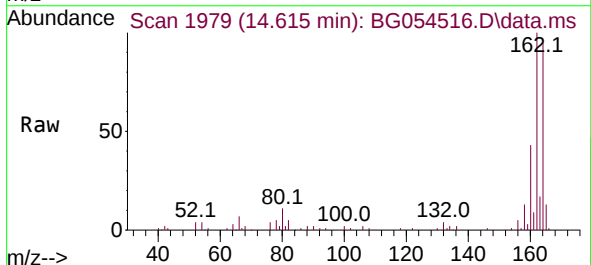
Instrument :
BNA_G
ClientSampleId :
RVE-119

Tgt Ion: 82 Resp: 91260
Ion Ratio Lower Upper
82 100
128 41.8 27.9 41.9
54 54.5 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion:164 Resp: 54684
Ion Ratio Lower Upper
164 100
162 105.5 82.3 123.5
160 45.3 34.2 51.2

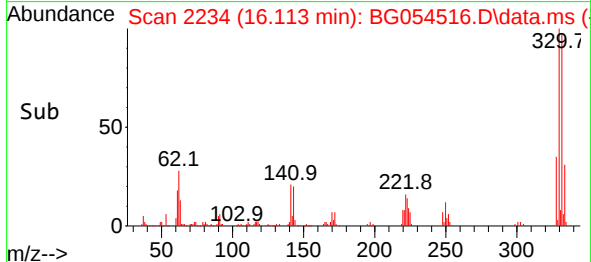
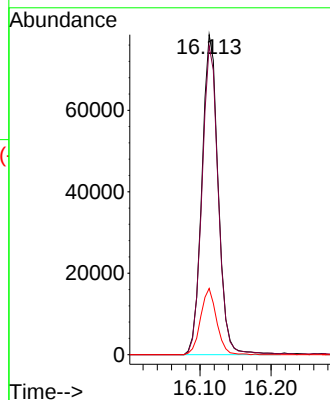
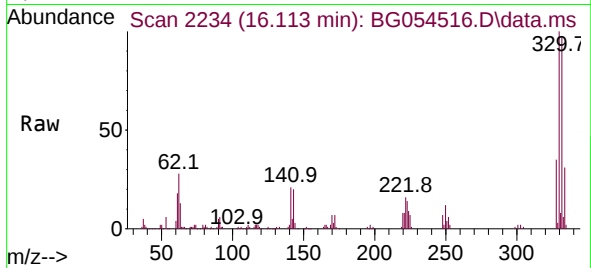




#42
2,4,6-Tribromophenol
Concen: 109.164 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

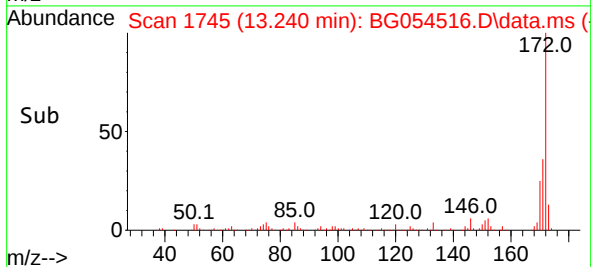
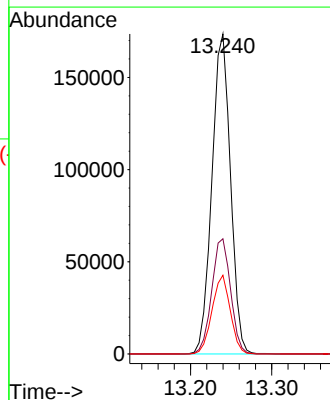
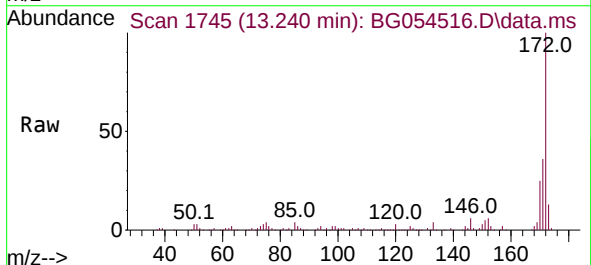
Instrument :
BNA_G
ClientSampleId :
RVE-119

Tgt Ion:330 Resp: 125338
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 20.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 70.991 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

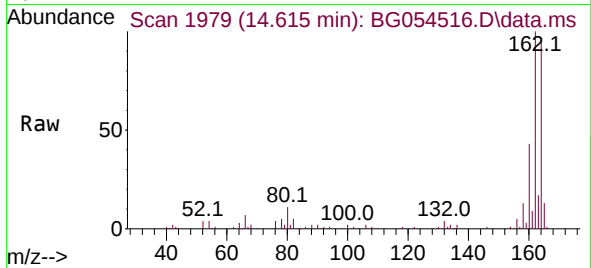
Tgt Ion:172 Resp: 275187
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 24.6 18.9 28.3



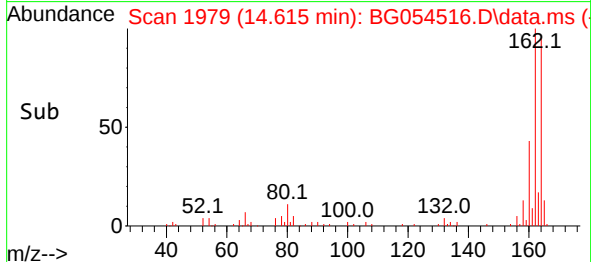
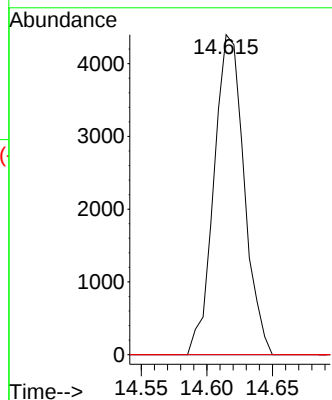


#51
2,6-Dinitrotoluene
Concen: 7.500 ng
RT: 14.615 min Scan# 1979
Delta R.T. 0.416 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Instrument :
BNA_G
ClientSampleId :
RVE-119

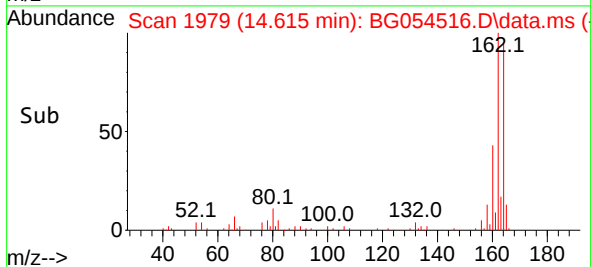
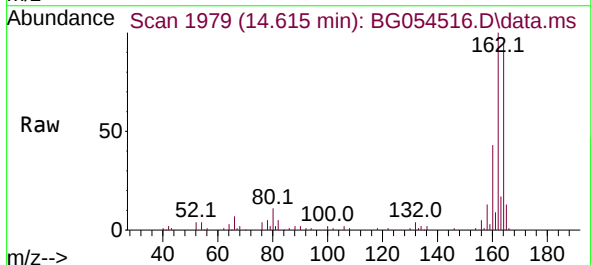
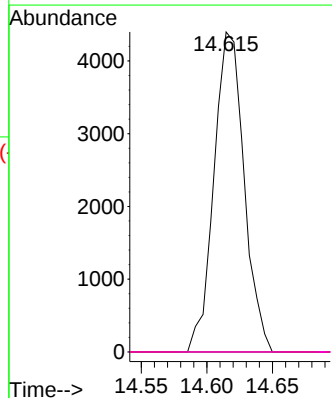


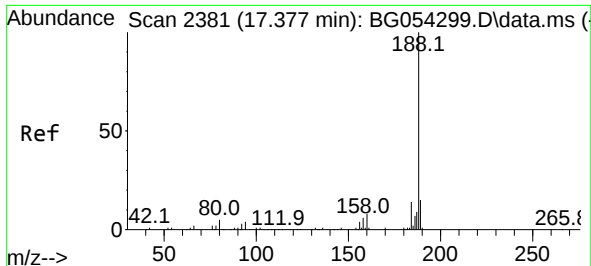
Tgt Ion:165 Resp: 7027
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.232 ng
RT: 14.615 min Scan# 1979
Delta R.T. -0.377 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion:165 Resp: 7027
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#

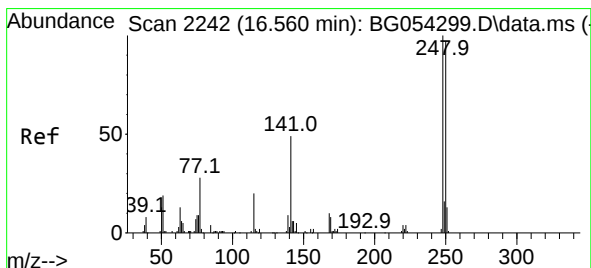
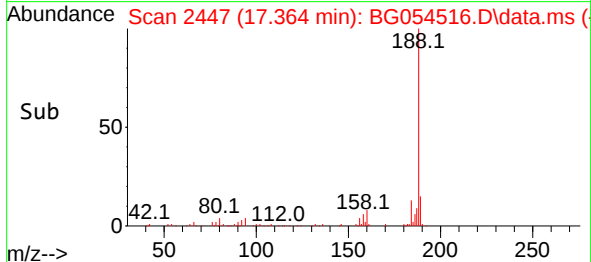
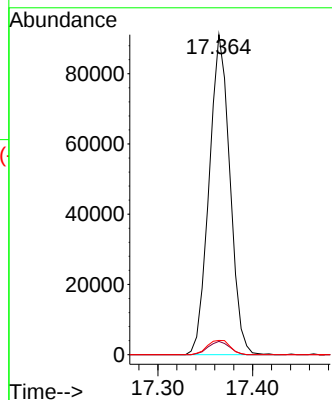
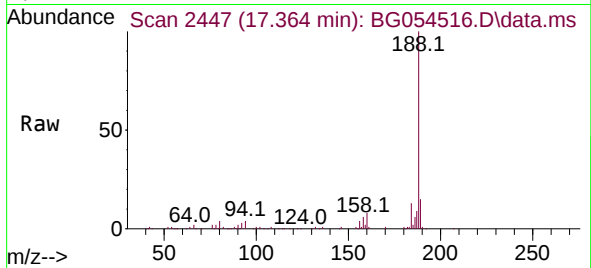




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 2447
Delta R.T. -0.007 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

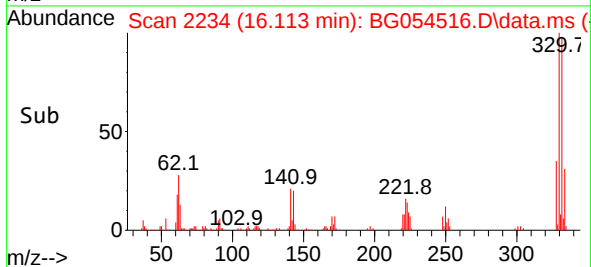
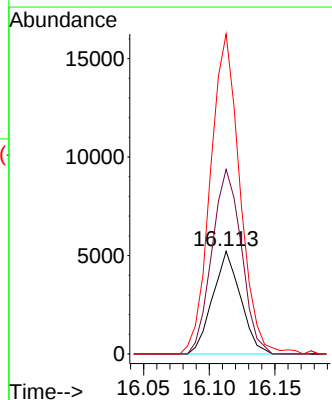
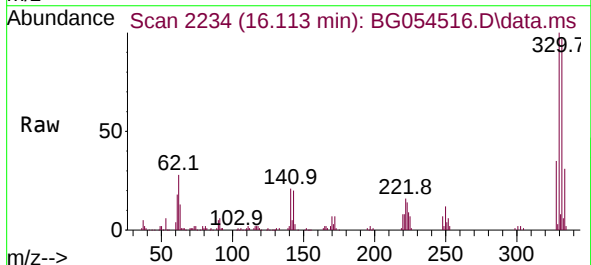
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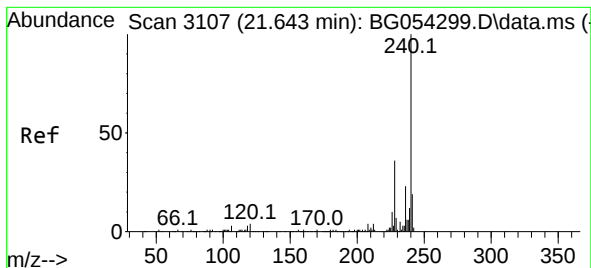
Tgt Ion:188 Resp: 138533
Ion Ratio Lower Upper
188 100
94 4.1 5.4 8.0#
80 4.5 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.968 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.442 min
Lab File: BG054516.D
Acq: 4 Aug 2022 12:49

Tgt Ion:248 Resp: 7721
Ion Ratio Lower Upper
248 100
250 179.6 75.2 112.8#
141 239.0 50.0 75.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG054516.D

Acq: 4 Aug 2022 12:49

Instrument :

BNA_G

ClientSampleId :

RVE-119

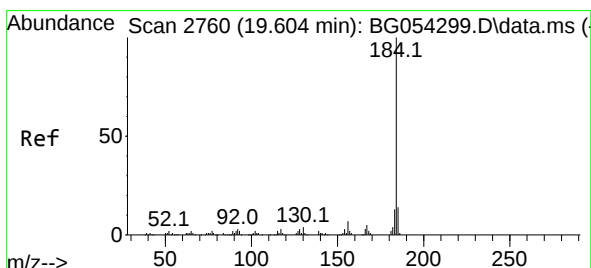
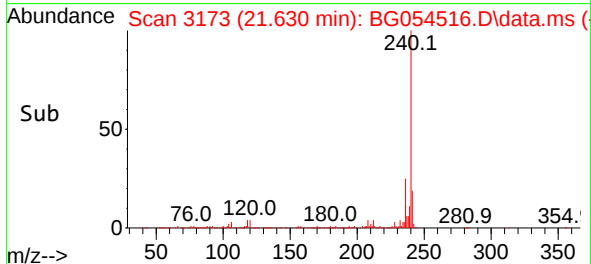
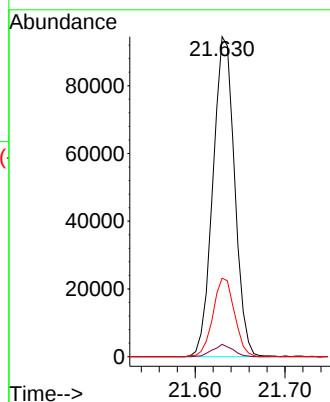
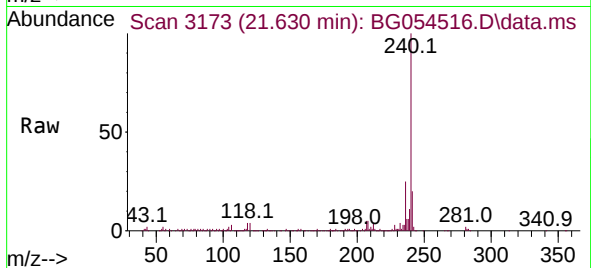
Tgt Ion:240 Resp: 158307

Ion Ratio Lower Upper

240 100

120 3.9 4.6 7.0#

236 24.6 20.2 30.4



#77

Benzidine

Concen: 2.696 ng

RT: 19.973 min Scan# 2891

Delta R.T. 0.375 min

Lab File: BG054516.D

Acq: 4 Aug 2022 12:49

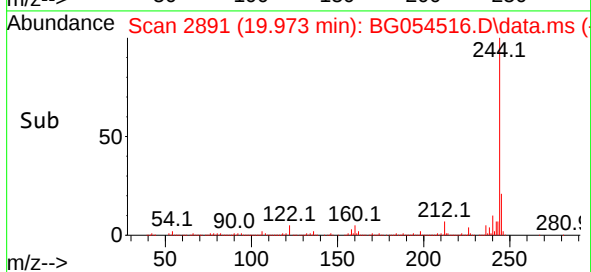
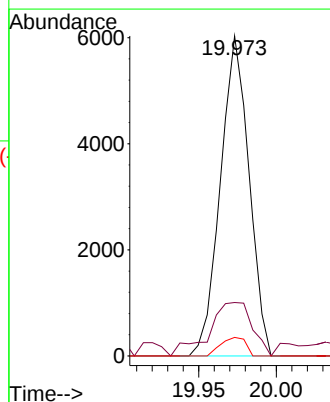
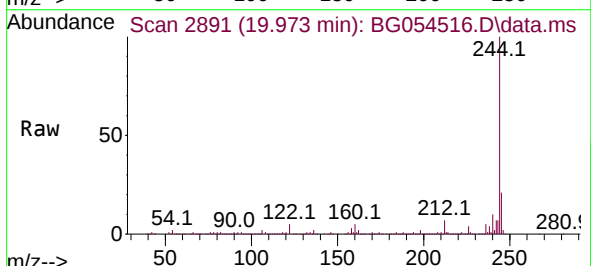
Tgt Ion:184 Resp: 7731

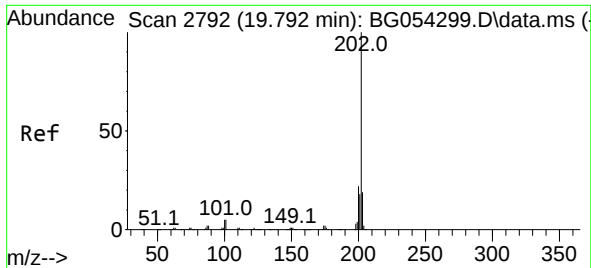
Ion Ratio Lower Upper

184 100

185 16.7 11.8 17.6

183 5.8 8.9 13.3#

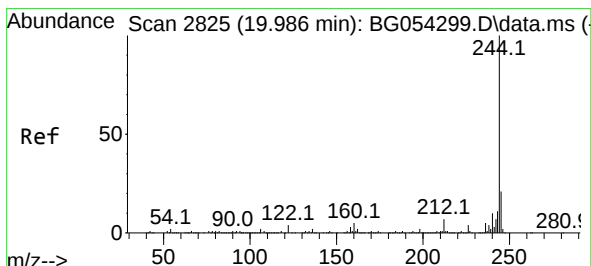
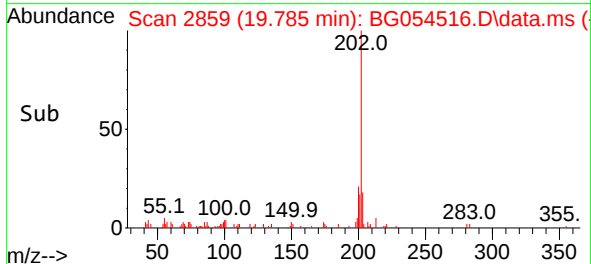
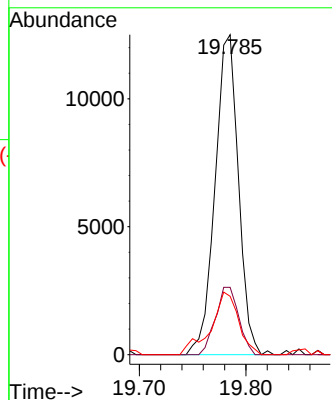
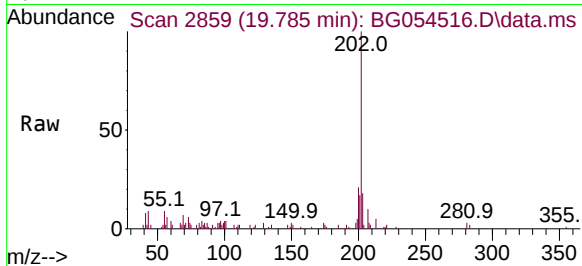




#78
 Pyrene
 Concen: 2.095 ng
 RT: 19.785 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG054516.D
 Acq: 4 Aug 2022 12:49

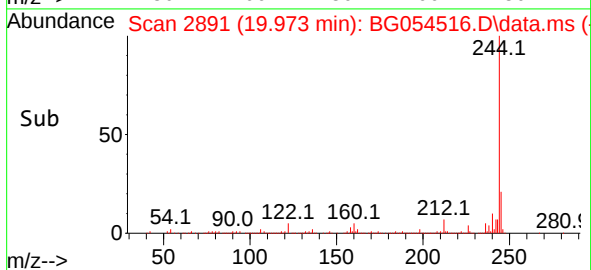
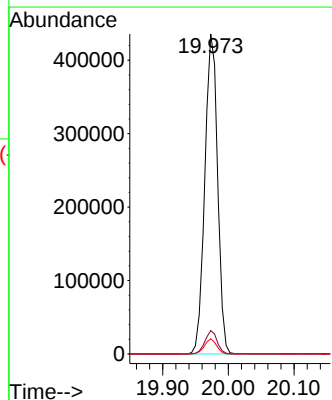
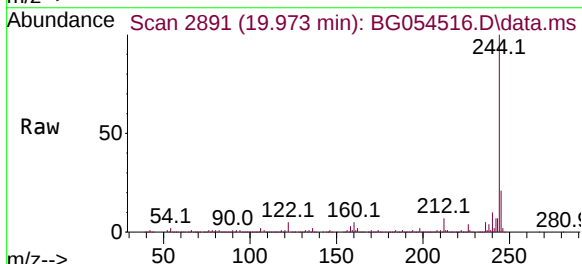
Instrument :
 BNA_G
 ClientSampleId :
 RVE-119

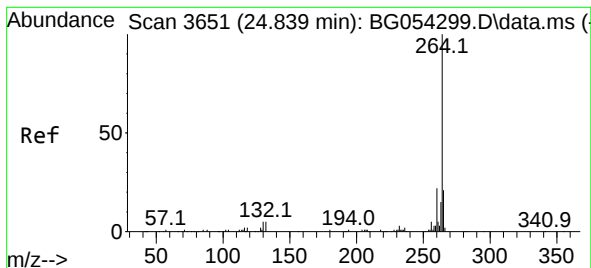
Tgt Ion:202	Resp:	19028
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.6 24.8
203	18.3	14.6 21.8



#79
 Terphenyl-d14
 Concen: 74.111 ng
 RT: 19.973 min Scan# 2891
 Delta R.T. -0.007 min
 Lab File: BG054516.D
 Acq: 4 Aug 2022 12:49

Tgt Ion:244	Resp:	591402
Ion Ratio	Lower	Upper
244	100	
212	7.3	6.5 9.7
122	4.7	5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.838 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG054516.D

Acq: 4 Aug 2022 12:49

Instrument :

BNA_G

ClientSampleId :

RVE-119

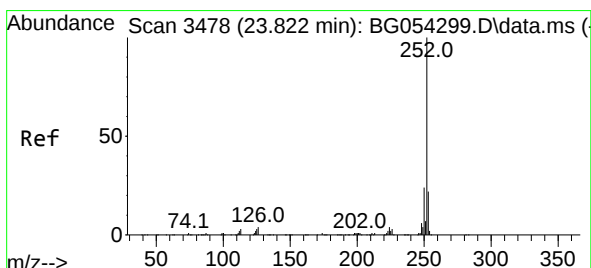
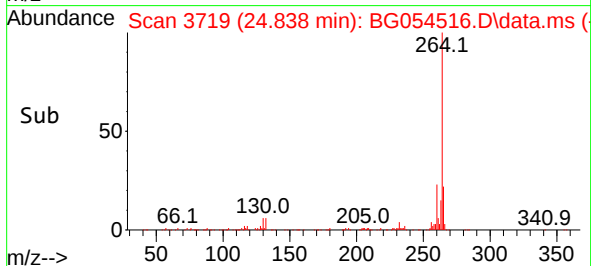
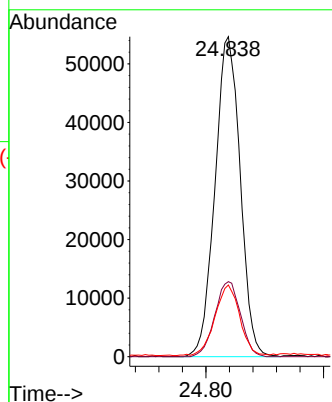
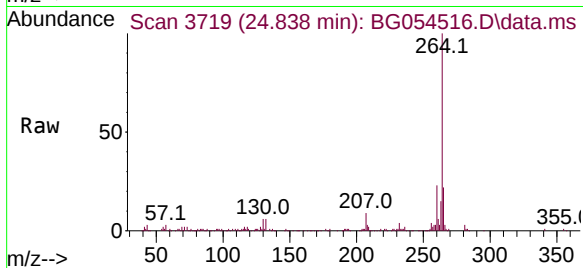
Tgt Ion:264 Resp: 162413

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.4 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.338 ng

RT: 23.822 min Scan# 3546

Delta R.T. -0.001 min

Lab File: BG054516.D

Acq: 4 Aug 2022 12:49

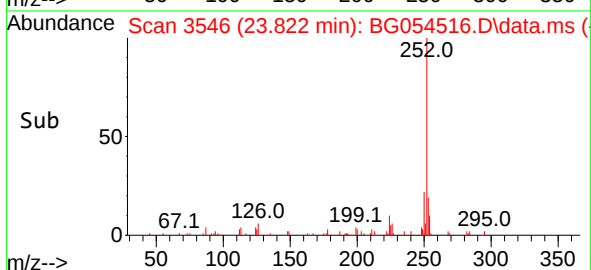
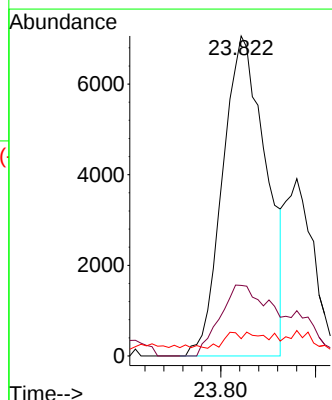
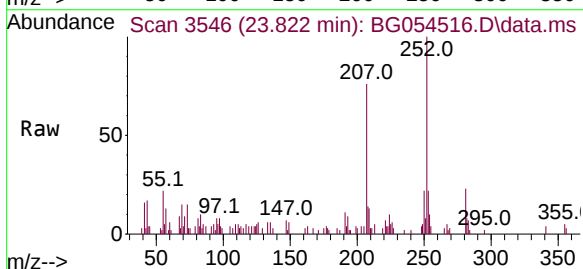
Tgt Ion:252 Resp: 22461

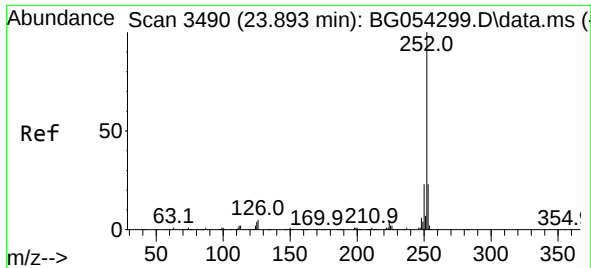
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 5.4 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 2.350 ng

RT: 23.822 min Scan# 3

Delta R.T. -0.066 min

Lab File: BG054516.D

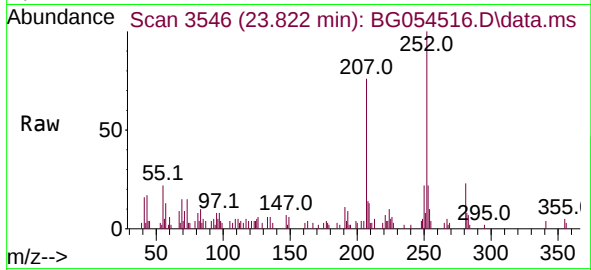
Acq: 4 Aug 2022 12:49

Instrument :

BNA_G

ClientSampleId :

RVE-119



Tgt Ion:252 Resp: 22461

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

125 5.4 4.8 7.2

