

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054510.D
 Acq On : 3 Aug 2022 22:21
 Operator : CG/JU
 Sample : N3930-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-95

Quant Time: Aug 04 00:45:04 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)

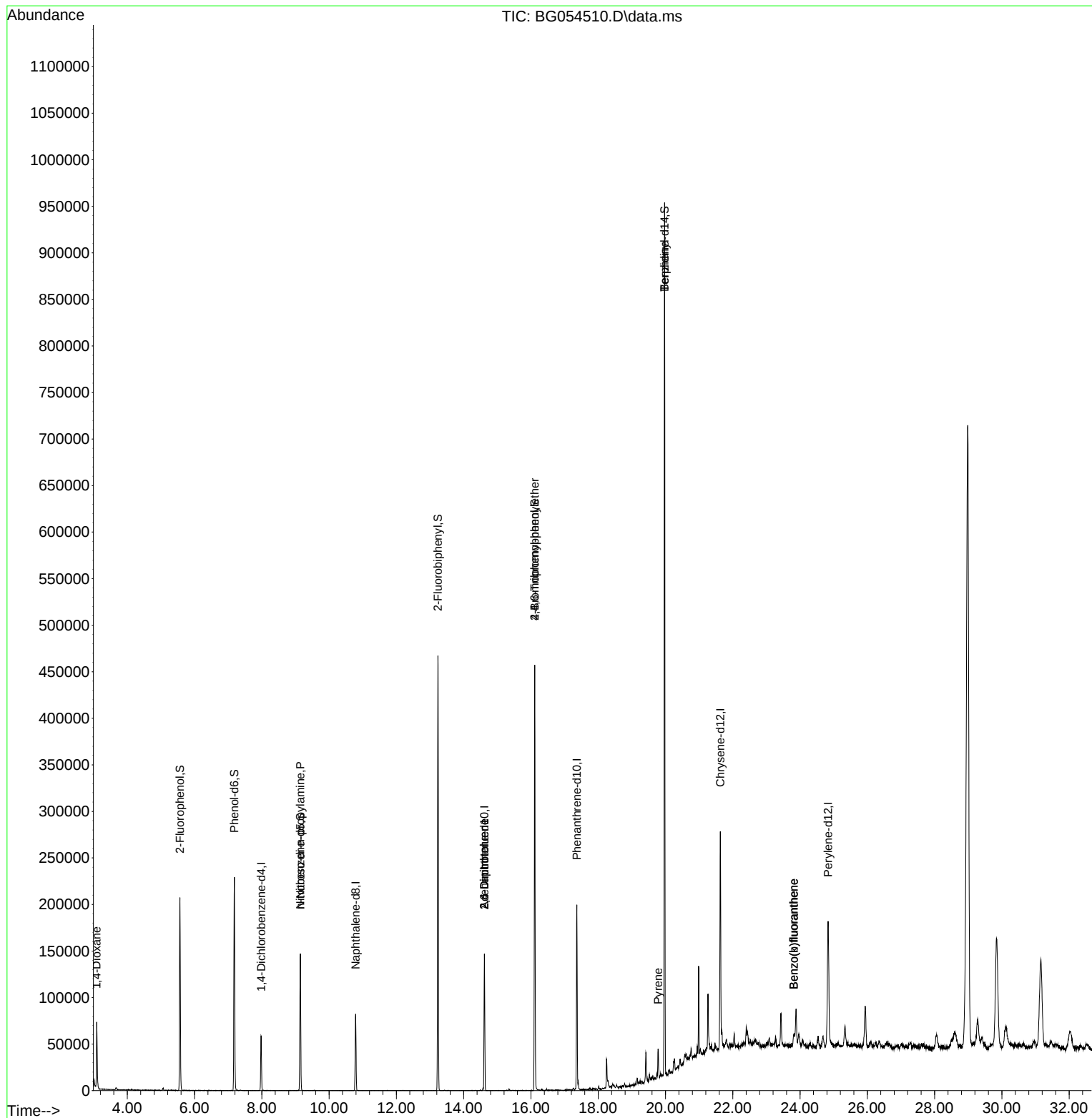
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	18524	20.000	ng	0.00
21) Naphthalene-d8	10.791	136	74526	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	58010	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	142135	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	154763	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	163600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	95852	108.037	ng	0.00
7) Phenol-d6	7.183	99	132266	108.798	ng	0.01
23) Nitrobenzene-d5	9.145	82	90471	66.108	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	122318	100.426	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	280923	68.315	ng	-0.01
79) Terphenyl-d14	19.974	244	544386	69.781	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.088	88	760	2.153	ng	# 1
9) Benzaldehyde	7.177	77	192	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.145	70	12728	15.678	ng	# 75
51) 2,6-Dinitrotoluene	14.616	165	8116	8.166	ng	# 16
57) 2,4-Dinitrotoluene	14.616	165	8116	5.696	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	7304	3.659	ng	# 1
77) Benzidine	19.974	184	7053	2.516	ng	# 91
78) Pyrene	19.780	202	23342	2.629	ng	99
88) Benzo(b)fluoranthene	23.817	252	25462	2.632	ng	# 97
89) Benzo(k)fluoranthene	23.817	252	25462	2.644	ng	96

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

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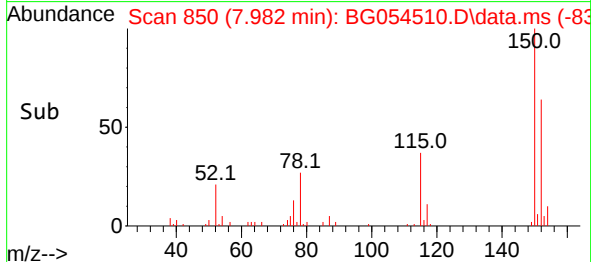
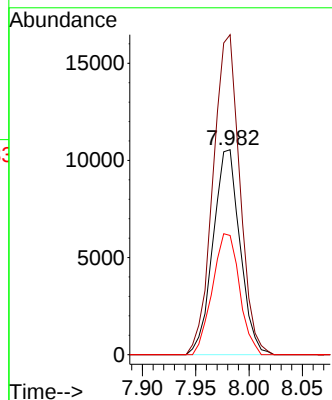
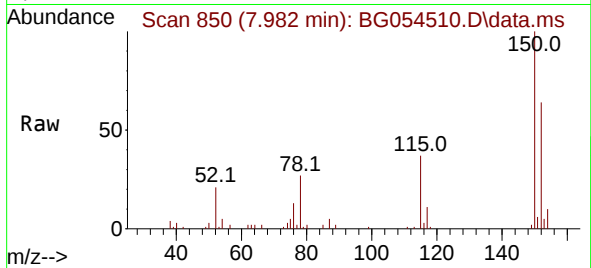




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.982 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054510.D
 Acq: 3 Aug 2022 22:21

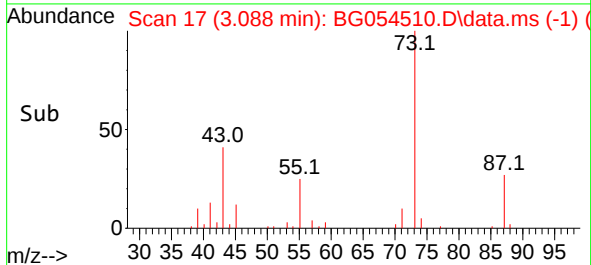
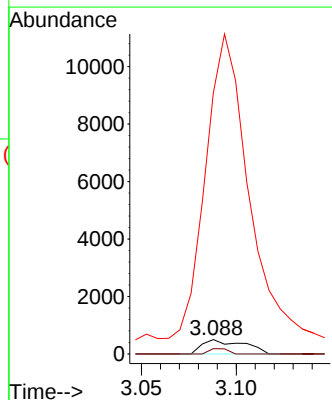
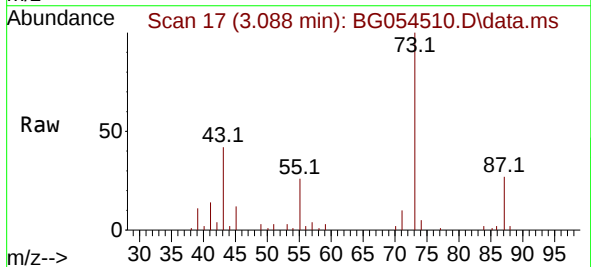
Instrument :
 BNA_G
 ClientSampleId :
 RVE-95

Tgt Ion:152 Resp: 18524
 Ion Ratio Lower Upper
 152 100
 150 156.1 131.6 197.4
 115 58.2 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.153 ng
 RT: 3.088 min Scan# 17
 Delta R.T. -0.329 min
 Lab File: BG054510.D
 Acq: 3 Aug 2022 22:21

Tgt Ion: 88 Resp: 760
 Ion Ratio Lower Upper
 88 100
 58 17.0 59.2 88.8#
 43 2401.2 24.3 36.5#

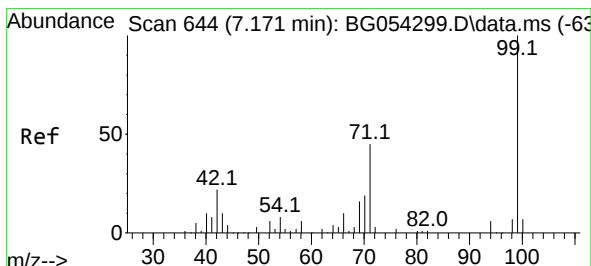
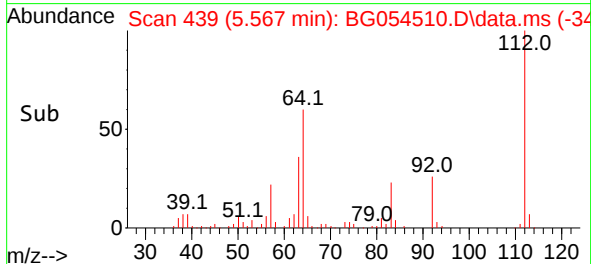
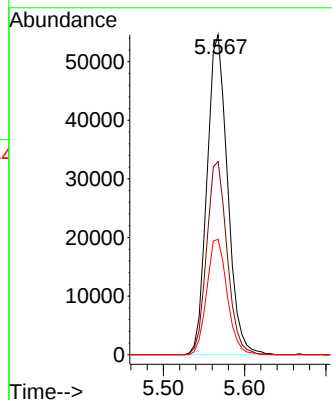
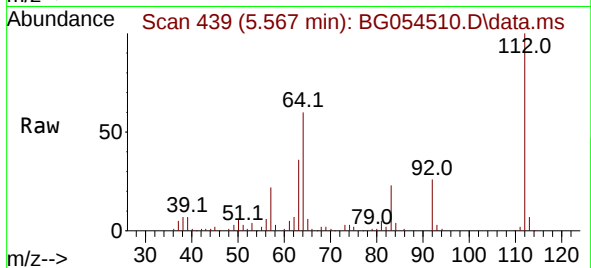




#5
2-Fluorophenol
Concen: 108.037 ng
RT: 5.567 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

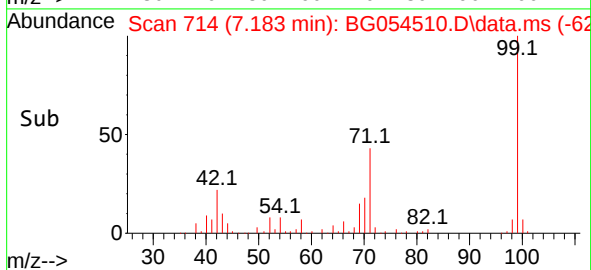
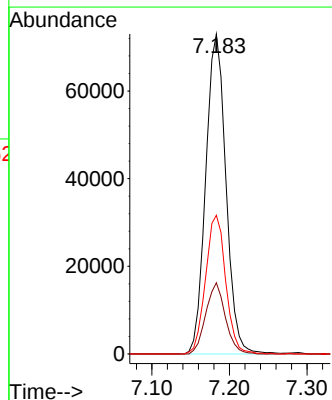
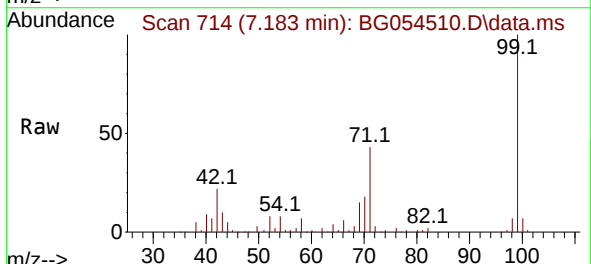
Instrument :
BNA_G
ClientSampleId :
RVE-95

Tgt Ion:112 Resp: 95852
Ion Ratio Lower Upper
112 100
64 60.3 55.1 82.7
63 36.0 30.4 45.6



#7
Phenol-d6
Concen: 108.798 ng
RT: 7.183 min Scan# 714
Delta R.T. 0.011 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Tgt Ion: 99 Resp: 132266
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 43.4 33.8 50.8

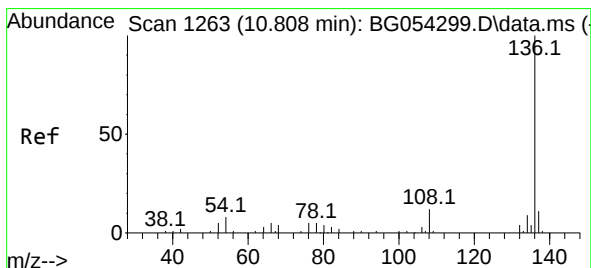
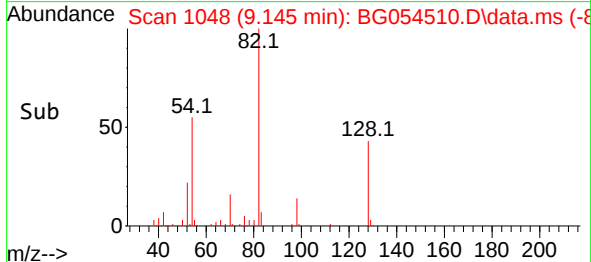
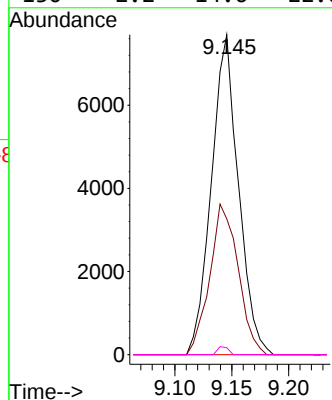
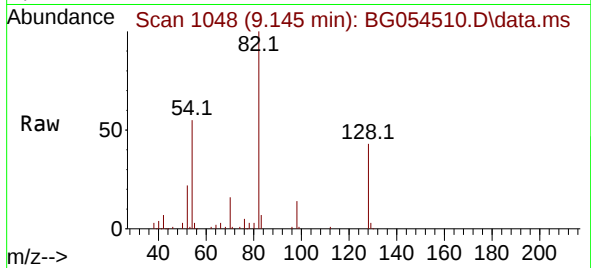




#19
n-Nitroso-di-n-propylamine
Concen: 15.678 ng
RT: 9.145 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

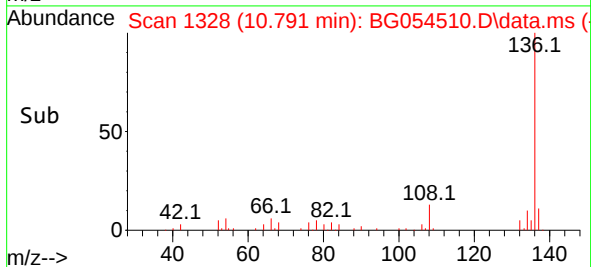
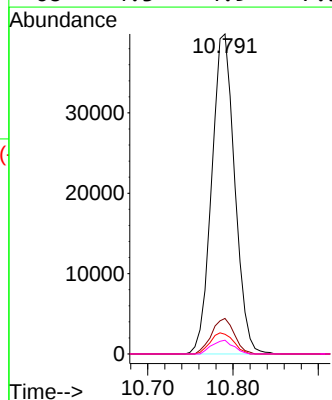
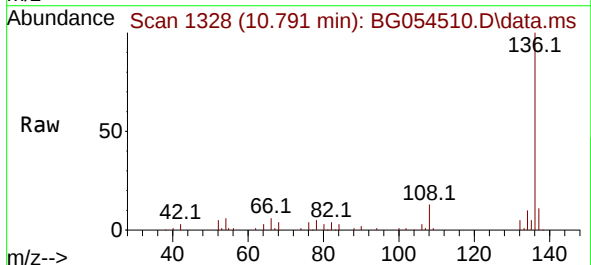
Instrument :
BNA_G
ClientSampleId :
RVE-95

Tgt Ion: 70 Resp: 12728
Ion Ratio Lower Upper
70 100
42 42.4 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: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Tgt Ion: 136 Resp: 74526
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 6.2 7.4 11.2#
68 4.3 4.9 7.3#

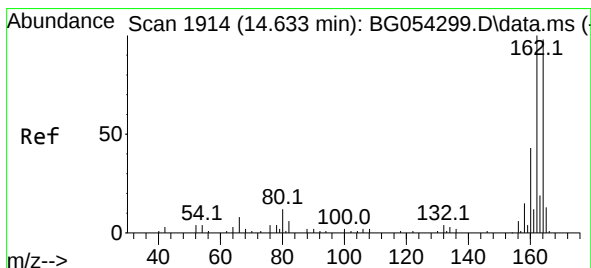
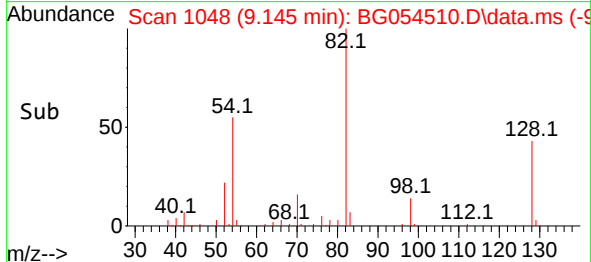
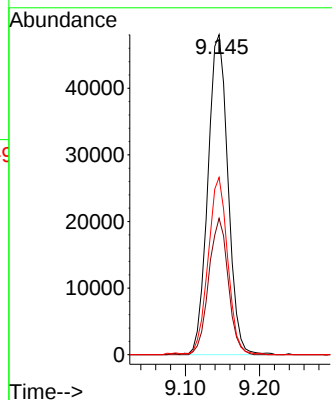
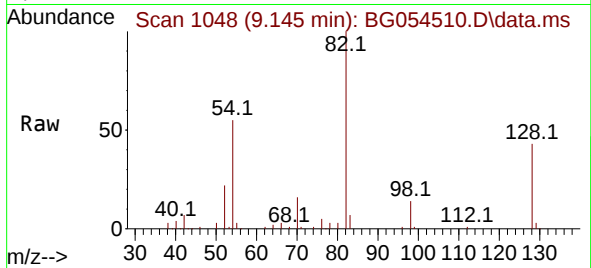




#23
Nitrobenzene-d5
Concen: 66.108 ng
RT: 9.145 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

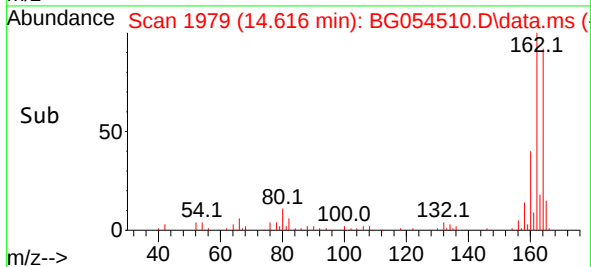
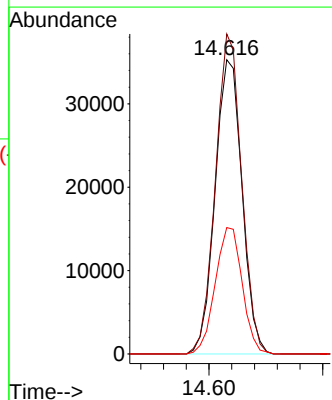
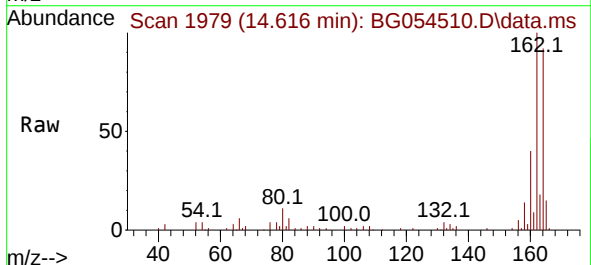
Instrument :
BNA_G
ClientSampleId :
RVE-95

Tgt Ion: 82 Resp: 90471
Ion Ratio Lower Upper
82 100
128 42.6 27.9 41.9#
54 55.4 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Tgt Ion:164 Resp: 58010
Ion Ratio Lower Upper
164 100
162 108.8 82.3 123.5
160 43.0 34.2 51.2

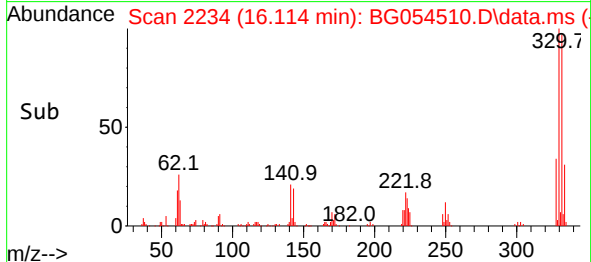
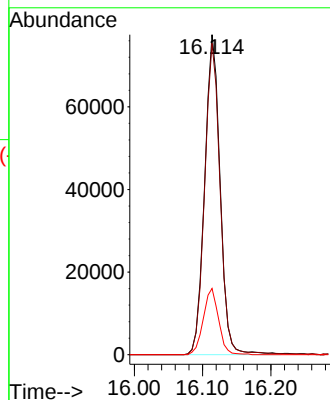
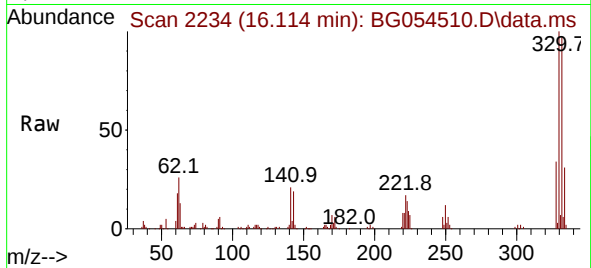




#42
 2,4,6-Tribromophenol
 Concen: 100.426 ng
 RT: 16.114 min Scan# 2168
 Delta R.T. -0.000 min
 Lab File: BG054510.D
 Acq: 3 Aug 2022 22:21

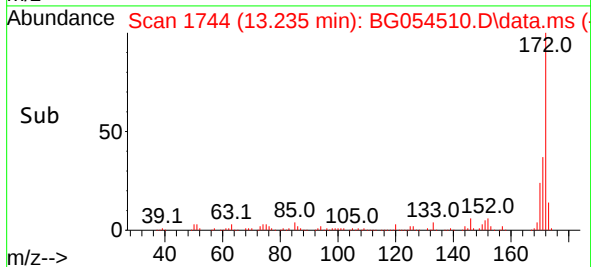
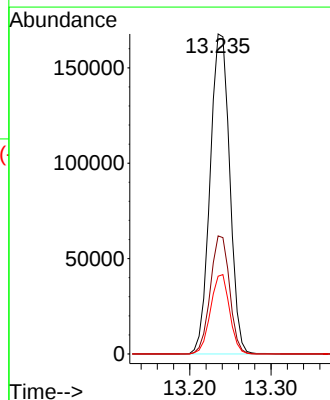
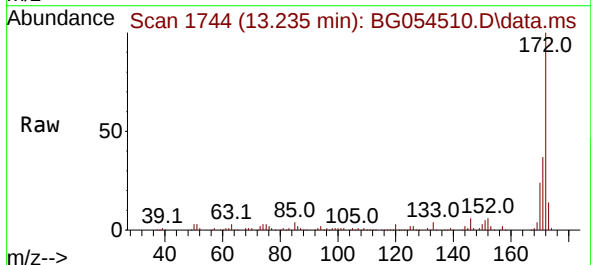
Instrument :
 BNA_G
 ClientSampleId :
 RVE-95

Tgt Ion:330 Resp: 122318
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 20.4 27.1 40.7#



#45
 2-Fluorobiphenyl
 Concen: 68.315 ng
 RT: 13.235 min Scan# 1744
 Delta R.T. -0.012 min
 Lab File: BG054510.D
 Acq: 3 Aug 2022 22:21

Tgt Ion:172 Resp: 280923
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.5 42.7
 170 24.3 18.9 28.3

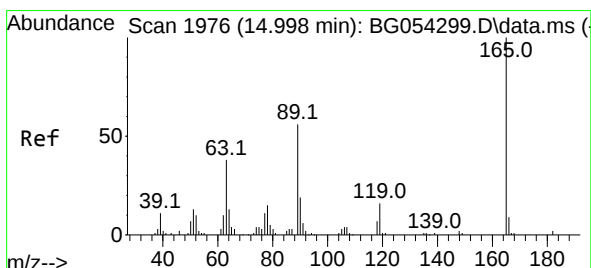
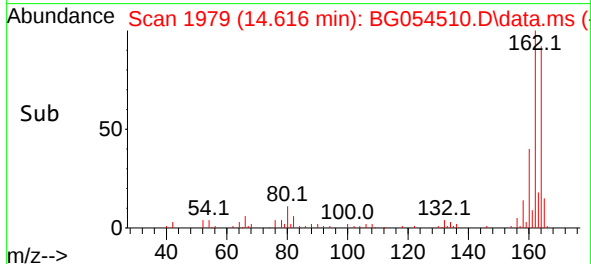
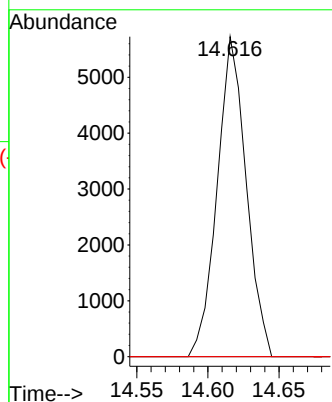
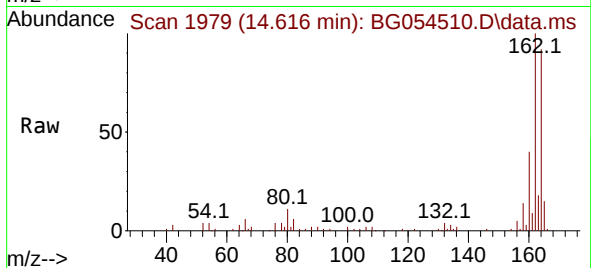




#51
2,6-Dinitrotoluene
Concen: 8.166 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.417 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

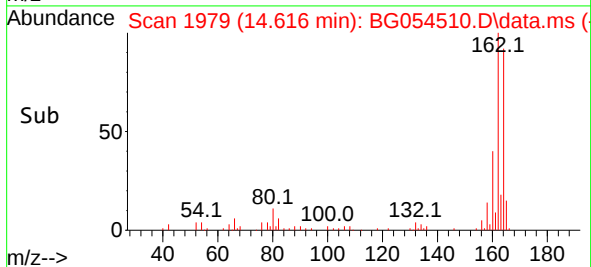
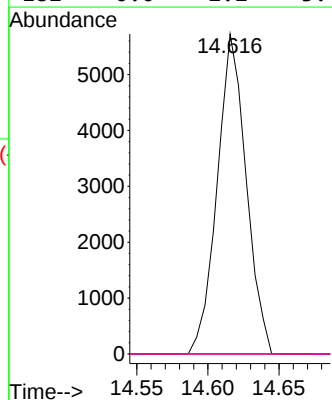
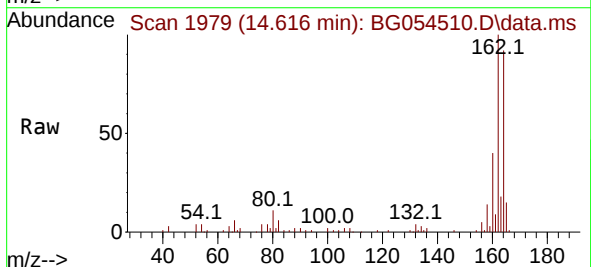
Instrument :
BNA_G
ClientSampleId :
RVE-95

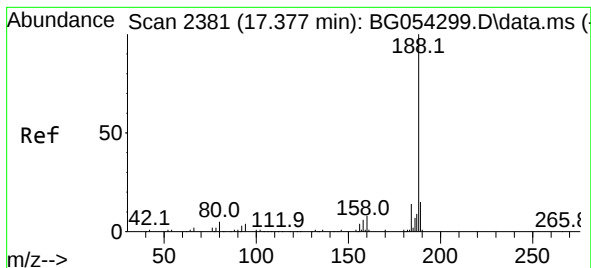
Tgt Ion:165 Resp: 8116
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.696 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.376 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Tgt Ion:165 Resp: 8116
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. -0.006 min

Lab File: BG054510.D

Acq: 3 Aug 2022 22:21

Instrument :

BNA_G

ClientSampleId :

RVE-95

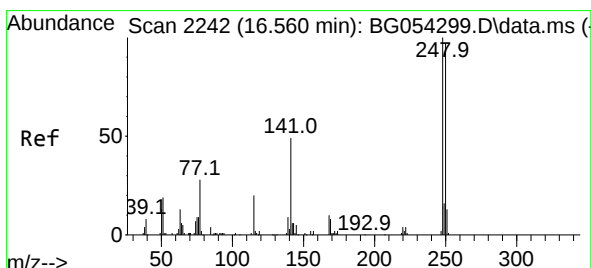
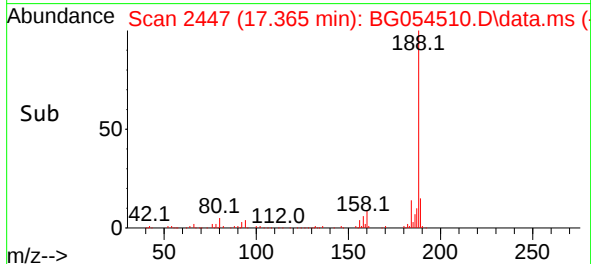
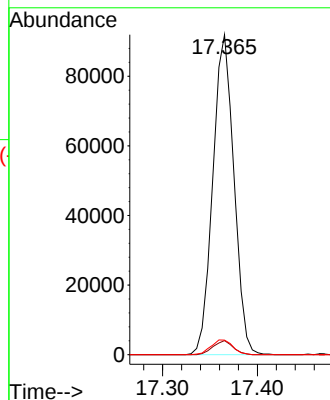
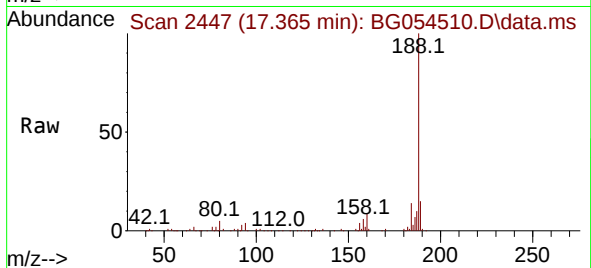
Tgt Ion:188 Resp: 142135

Ion Ratio Lower Upper

188 100

94 4.4 5.4 8.0#

80 4.5 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 3.659 ng

RT: 16.114 min Scan# 2234

Delta R.T. -0.441 min

Lab File: BG054510.D

Acq: 3 Aug 2022 22:21

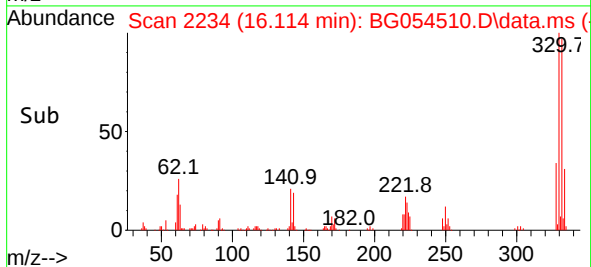
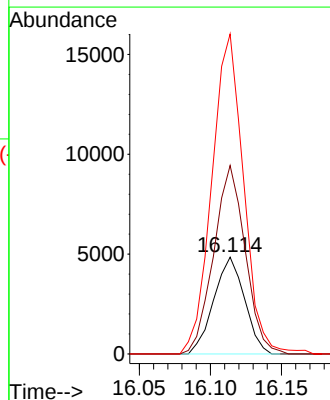
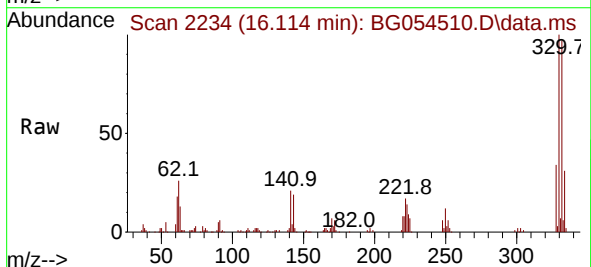
Tgt Ion:248 Resp: 7304

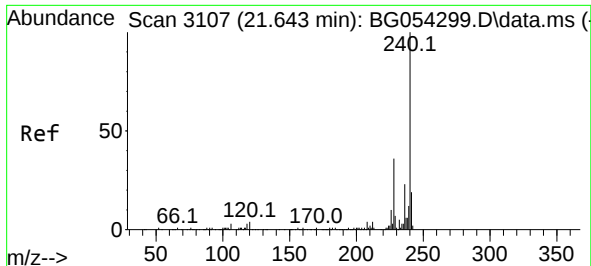
Ion Ratio Lower Upper

248 100

250 194.7 75.2 112.8#

141 330.5 50.0 75.0#

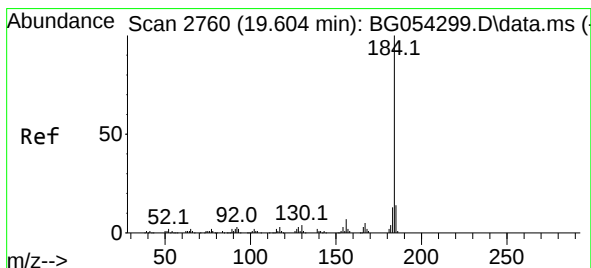
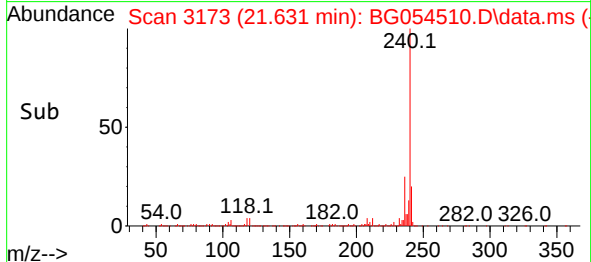
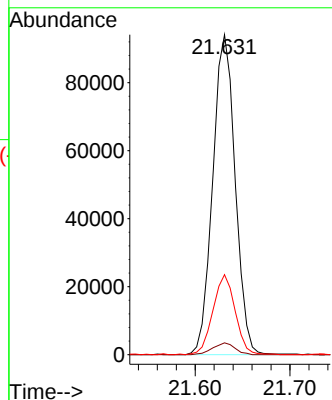
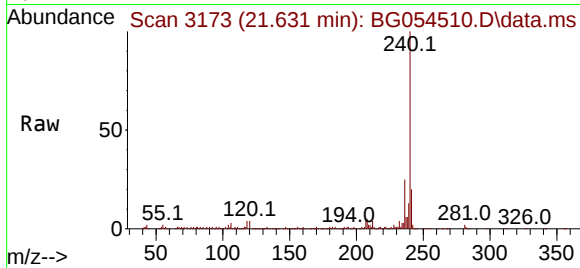




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

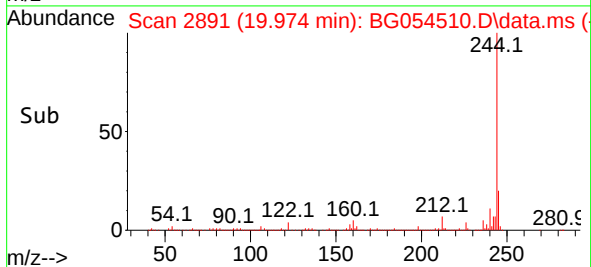
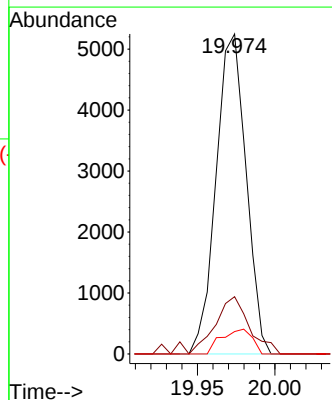
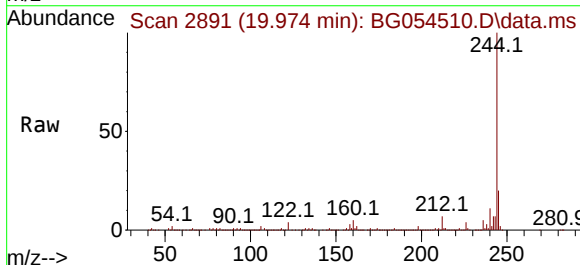
Instrument :
BNA_G
ClientSampleId :
RVE-95

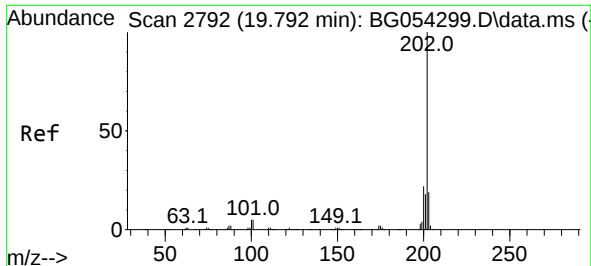
Tgt Ion:240 Resp: 154763
Ion Ratio Lower Upper
240 100
120 3.7 4.6 7.0#
236 25.0 20.2 30.4



#77
Benzidine
Concen: 2.516 ng
RT: 19.974 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Tgt Ion:184 Resp: 7053
Ion Ratio Lower Upper
184 100
185 17.9 11.8 17.6#
183 7.0 8.9 13.3#

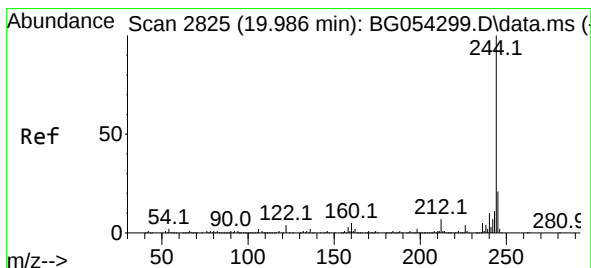
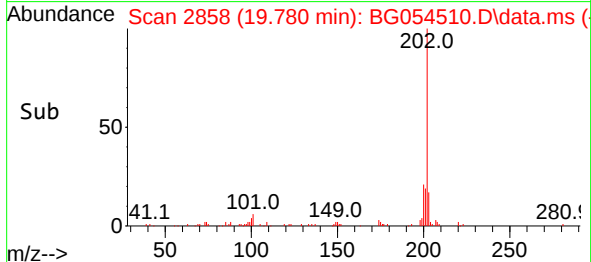
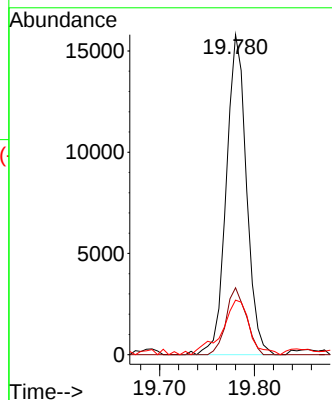
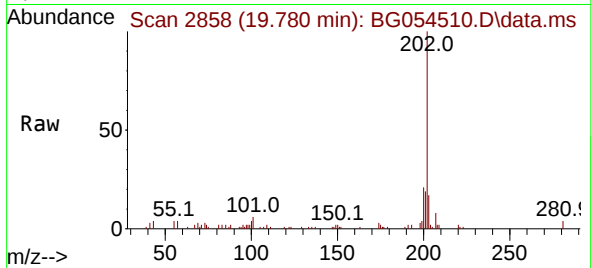




#78
Pyrene
Concen: 2.629 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

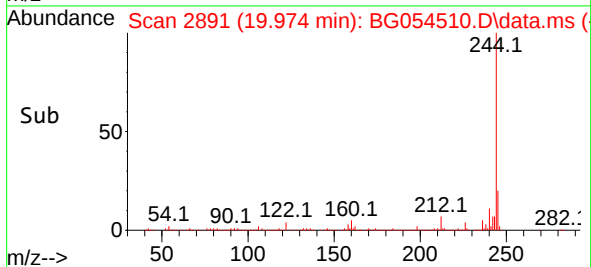
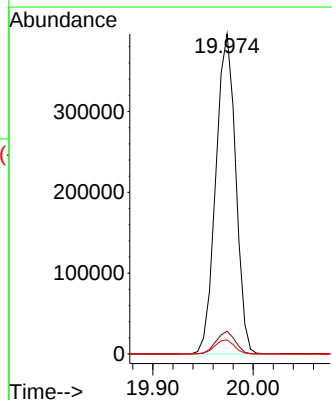
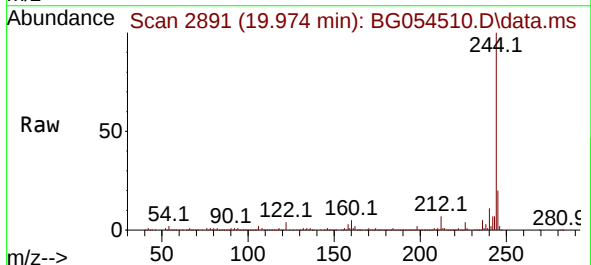
Instrument :
BNA_G
ClientSampleId :
RVE-95

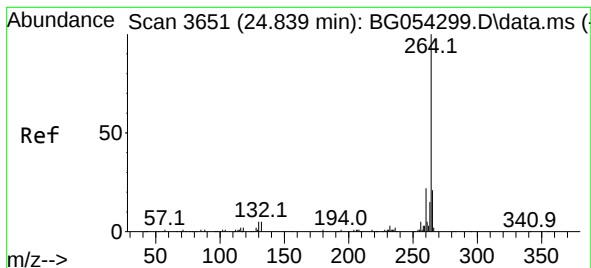
Tgt Ion:202 Resp: 23342
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.0 14.6 21.8



#79
Terphenyl-d14
Concen: 69.781 ng
RT: 19.974 min Scan# 2891
Delta R.T. -0.006 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Tgt Ion:244 Resp: 544386
Ion Ratio Lower Upper
244 100
212 7.1 6.5 9.7
122 4.4 5.0 7.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.833 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG054510.D

Acq: 3 Aug 2022 22:21

Instrument :

BNA_G

ClientSampleId :

RVE-95

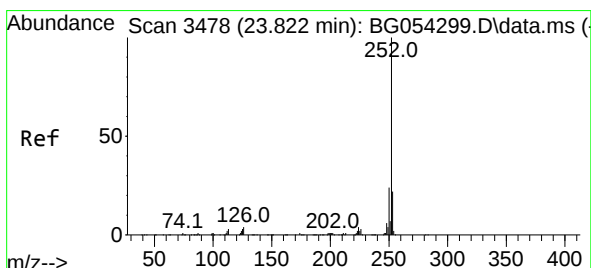
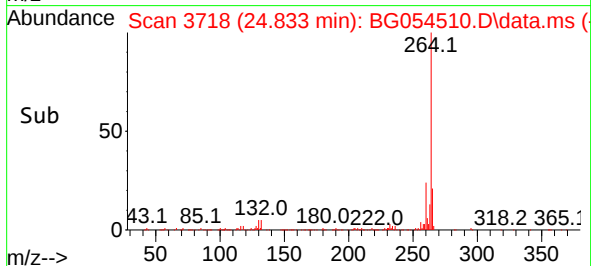
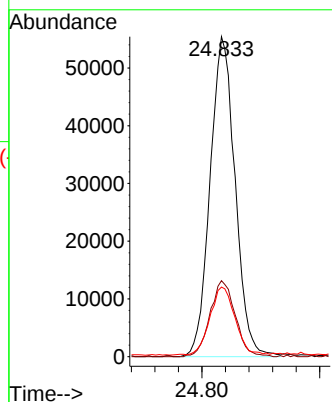
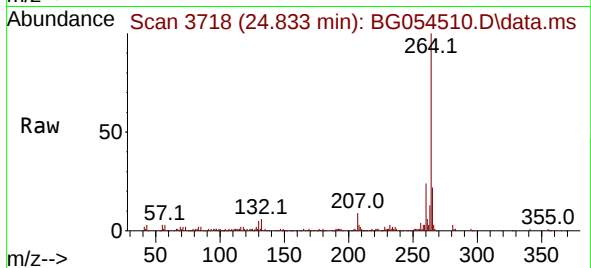
Tgt Ion:264 Resp: 163600

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.632 ng

RT: 23.817 min Scan# 3545

Delta R.T. -0.006 min

Lab File: BG054510.D

Acq: 3 Aug 2022 22:21

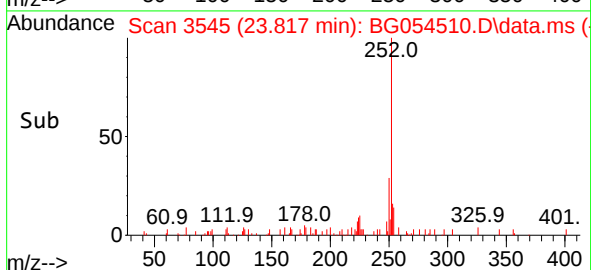
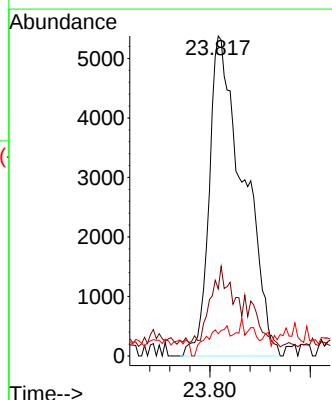
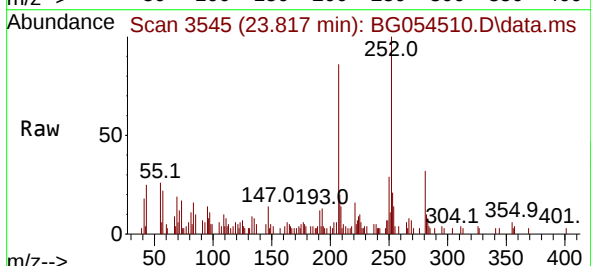
Tgt Ion:252 Resp: 25462

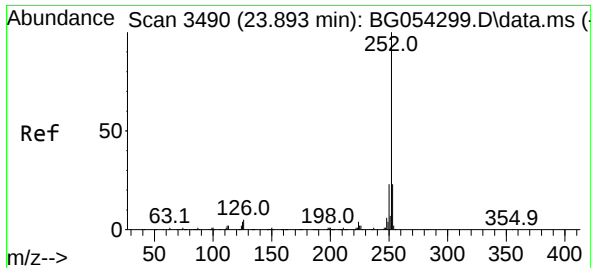
Ion Ratio Lower Upper

252 100

253 21.0 18.0 27.0

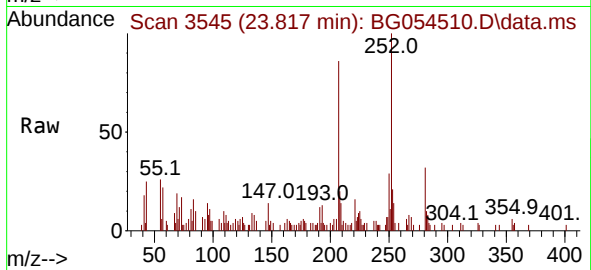
125 7.0 4.6 6.8#





#89
Benzo(k)fluoranthene
Concen: 2.644 ng
RT: 23.817 min Scan# 31
Delta R.T. -0.071 min
Lab File: BG054510.D
Acq: 3 Aug 2022 22:21

Instrument :
BNA_G
ClientSampleId :
RVE-95



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.4	27.6
125	7.0	4.8	7.2

