

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054497.D
 Acq On : 3 Aug 2022 13:14
 Operator : CG/JU
 Sample : N3935-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-133

Quant Time: Aug 04 00:43:26 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)

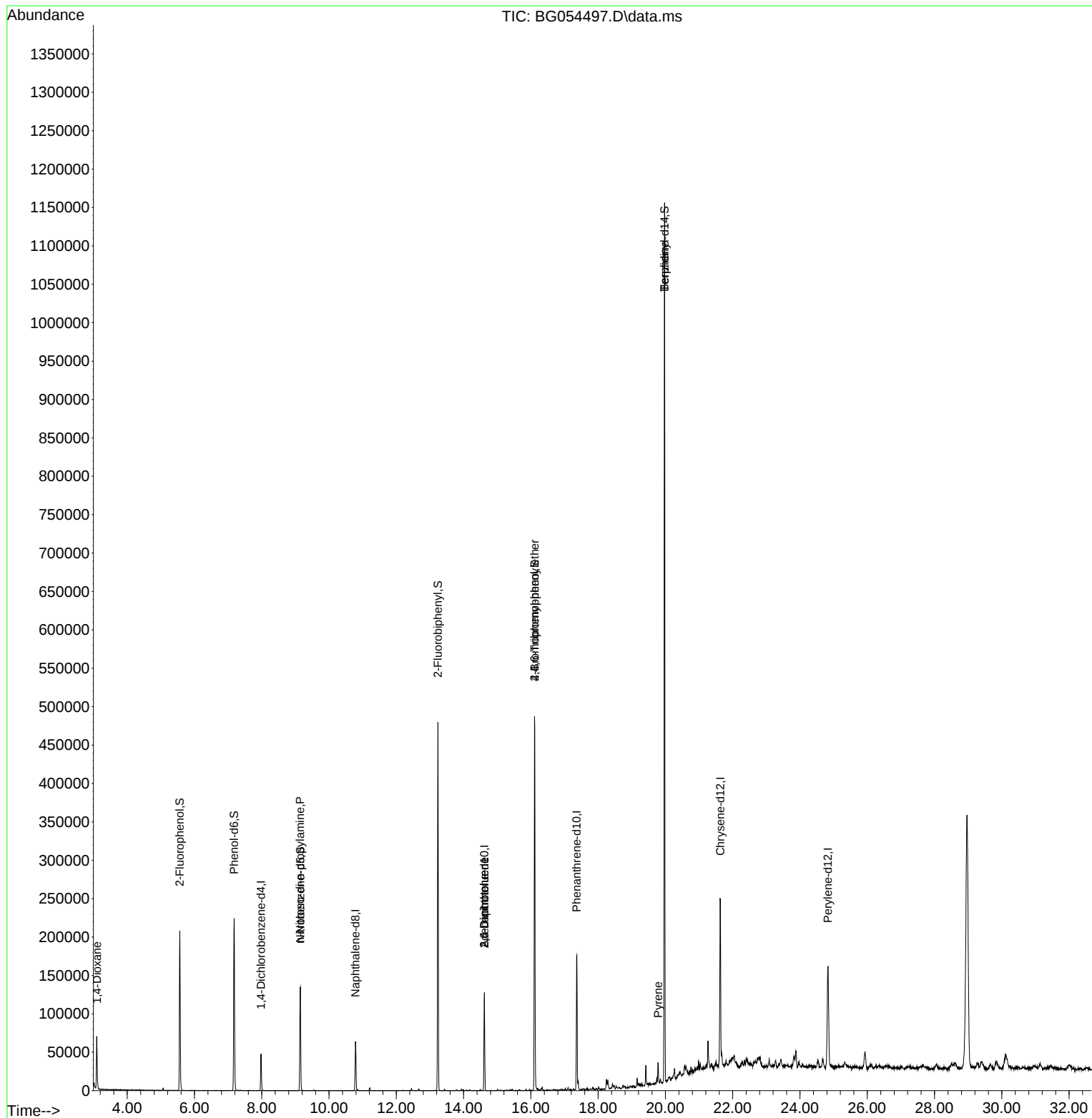
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	14891	20.000	ng	-0.01
21) Naphthalene-d8	10.785	136	58429	20.000	ng	#-0.01
39) Acenaphthene-d10	14.616	164	50184	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	133490	20.000	ng	#-0.01
76) Chrysene-d12	21.631	240	151317	20.000	ng	# 0.00
86) Perylene-d12	24.828	264	160843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	93080	130.509	ng	0.00
7) Phenol-d6	7.178	99	128249	131.231	ng	0.00
23) Nitrobenzene-d5	9.146	82	83543	77.864	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	134271	127.431	ng	0.00
45) 2-Fluorobiphenyl	13.235	172	273587	76.906	ng	-0.01
79) Terphenyl-d14	19.975	244	649620	85.167	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.100	88	656	2.312	ng	# 1
9) Benzaldehyde	7.166	77	53	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.140	70	11952	18.314	ng	# 82
51) 2,6-Dinitrotoluene	14.616	165	6701	7.794	ng	# 16
57) 2,4-Dinitrotoluene	14.616	165	6701	5.437	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	7959	4.245	ng	# 1
77) Benzidine	19.975	184	8725	3.184	ng	# 93
78) Pyrene	19.781	202	19380	2.232	ng	99

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

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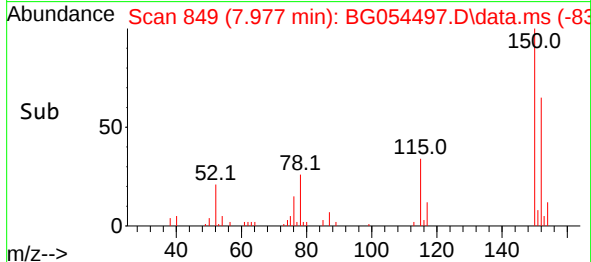
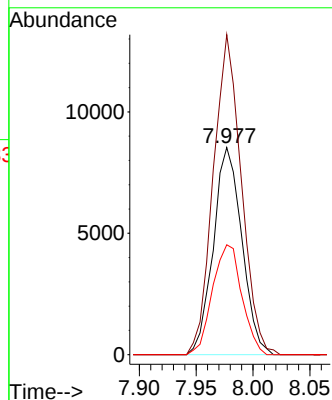
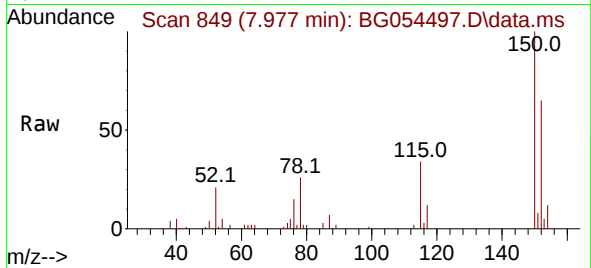




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.977 min Scan# 84
 Delta R.T. -0.011 min
 Lab File: BG054497.D
 Acq: 3 Aug 2022 13:14

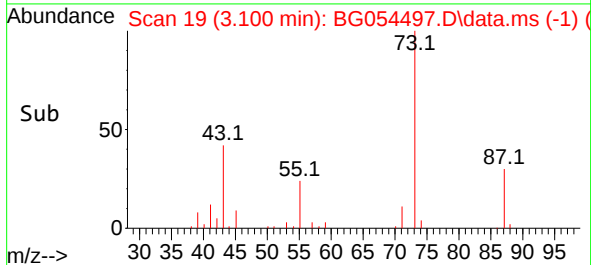
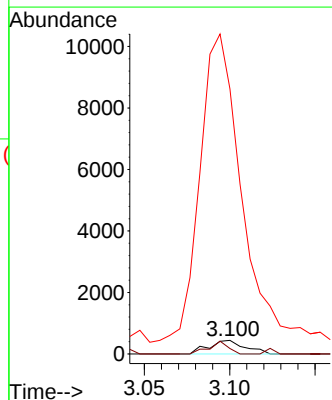
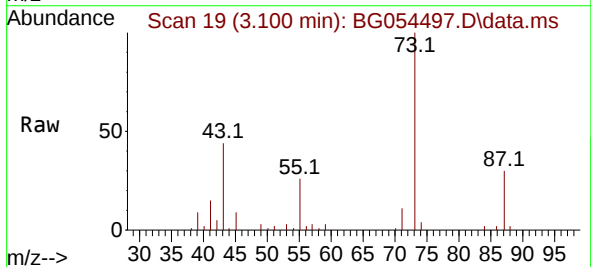
Instrument :
 BNA_G
 ClientSampleId :
 RVE-133

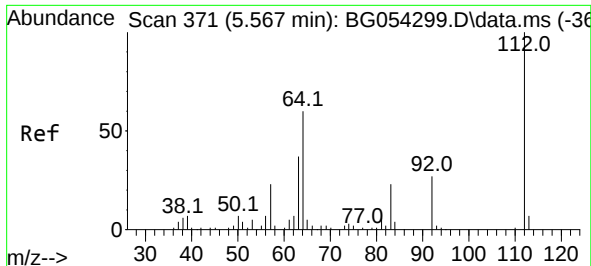
Tgt Ion:152 Resp: 14891
 Ion Ratio Lower Upper
 152 100
 150 154.4 131.6 197.4
 115 53.1 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.312 ng
 RT: 3.100 min Scan# 19
 Delta R.T. -0.317 min
 Lab File: BG054497.D
 Acq: 3 Aug 2022 13:14

Tgt Ion: 88 Resp: 656
 Ion Ratio Lower Upper
 88 100
 58 48.8 59.2 88.8#
 43 2642.2 24.3 36.5#

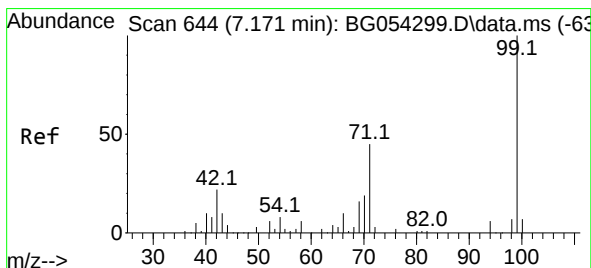
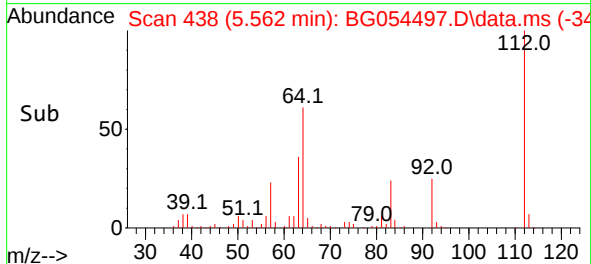
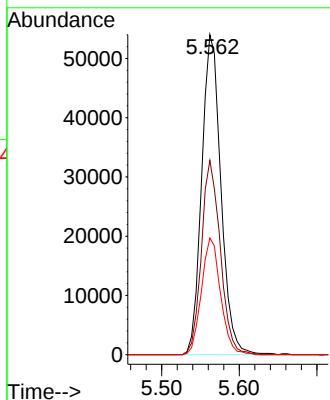
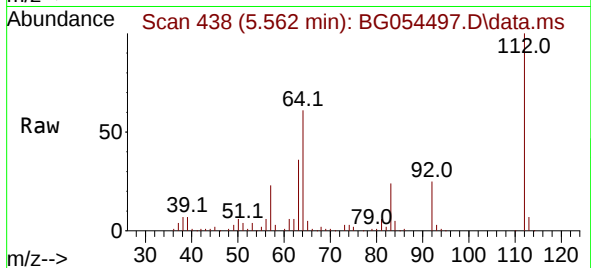




#5
2-Fluorophenol
Concen: 130.509 ng
RT: 5.562 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

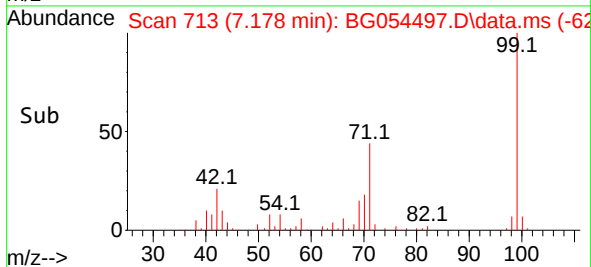
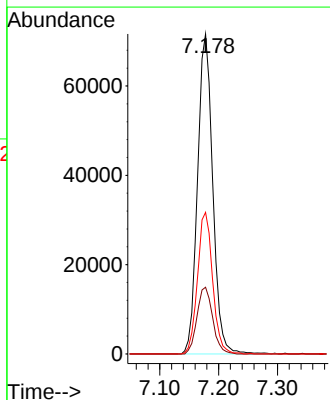
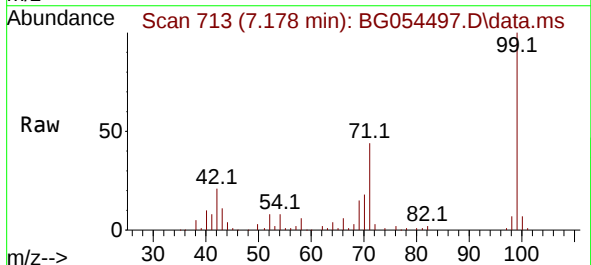
Instrument :
BNA_G
ClientSampleId :
RVE-133

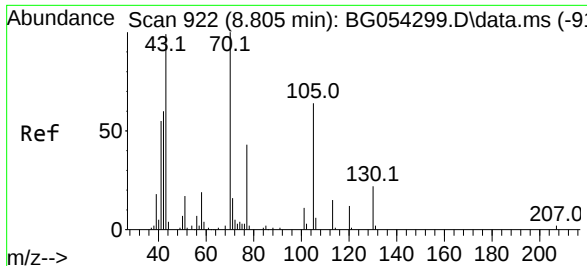
Tgt Ion:112 Resp: 93080
Ion Ratio Lower Upper
112 100
64 60.7 55.1 82.7
63 36.5 30.4 45.6



#7
Phenol-d6
Concen: 131.231 ng
RT: 7.178 min Scan# 713
Delta R.T. 0.006 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

Tgt Ion: 99 Resp: 128249
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 44.3 33.8 50.8

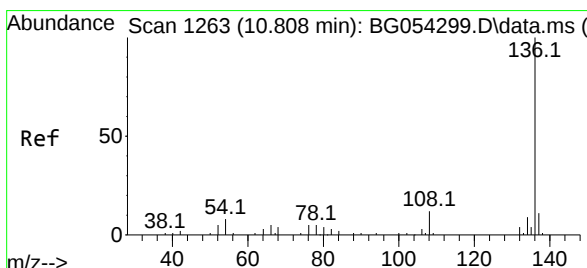
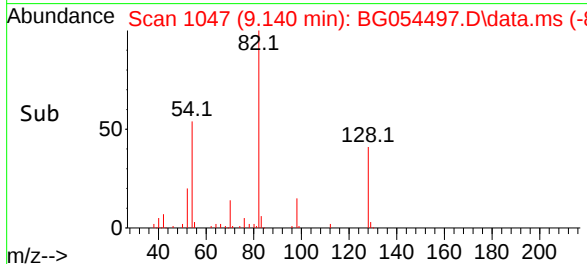
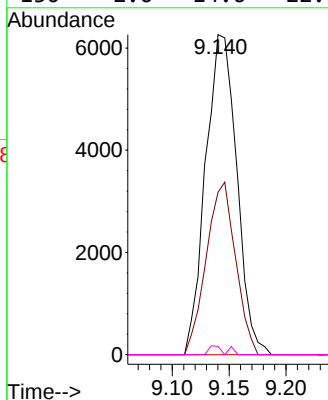
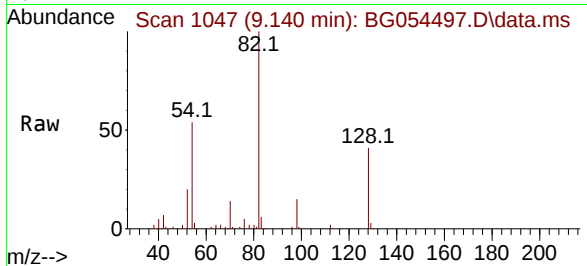




#19
n-Nitroso-di-n-propylamine
Concen: 18.314 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.347 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

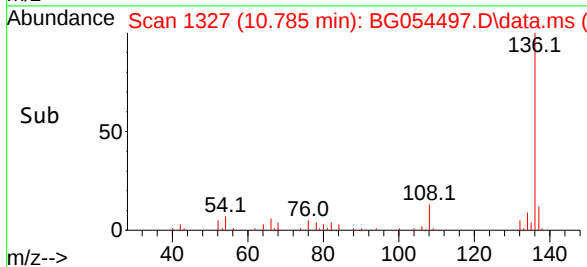
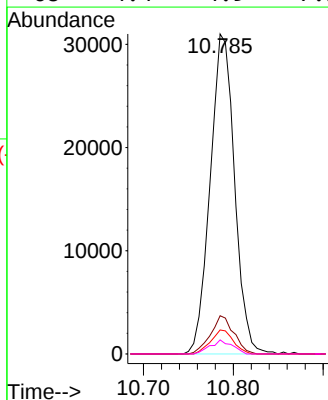
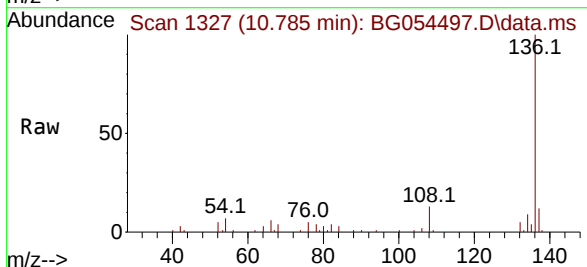
Instrument :
BNA_G
ClientSampleId :
RVE-133

Tgt Ion: 70	Resp: 11952
Ion Ratio	Lower Upper
70 100	
42 50.7	47.3 70.9
101 0.0	7.0 10.4#
130 2.6	14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.785 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

Tgt Ion: 136	Resp: 58429
Ion Ratio	Lower Upper
136 100	
137 12.0	8.5 12.7
54 7.5	7.4 11.2
68 4.4	4.9 7.3#

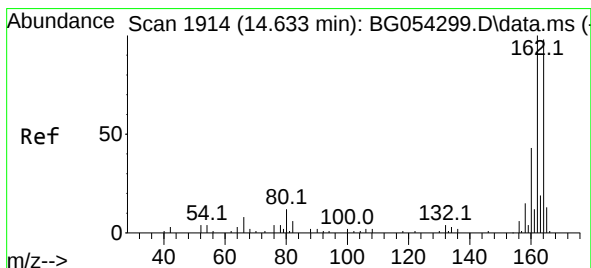
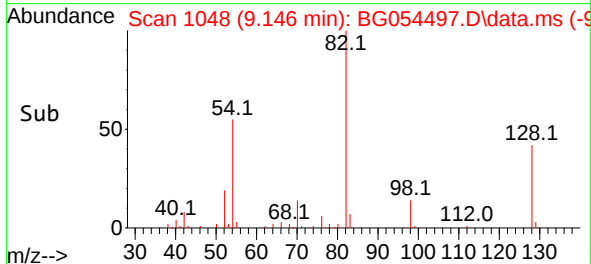
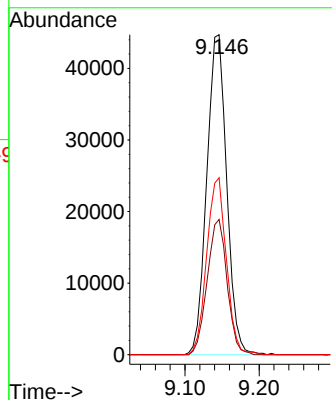
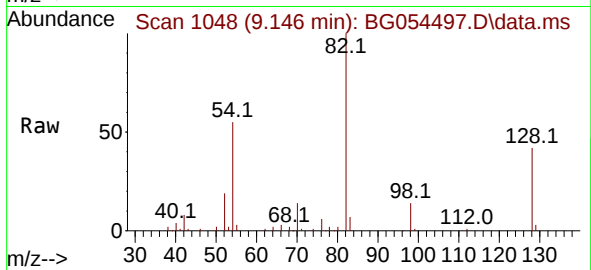




#23
 Nitrobenzene-d5
 Concen: 77.864 ng
 RT: 9.146 min Scan# 1048
 Delta R.T. -0.006 min
 Lab File: BG054497.D
 Acq: 3 Aug 2022 13:14

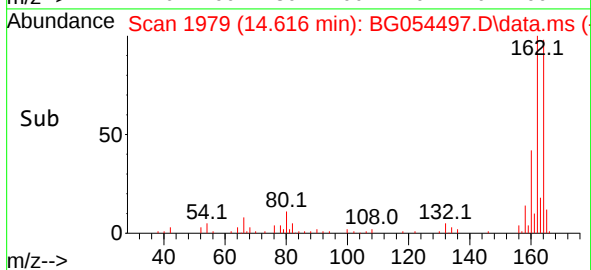
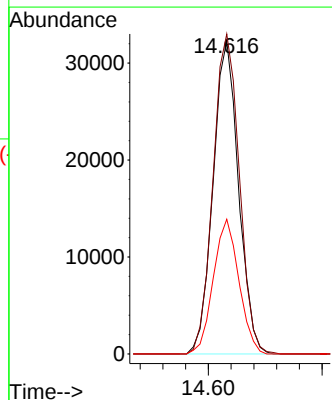
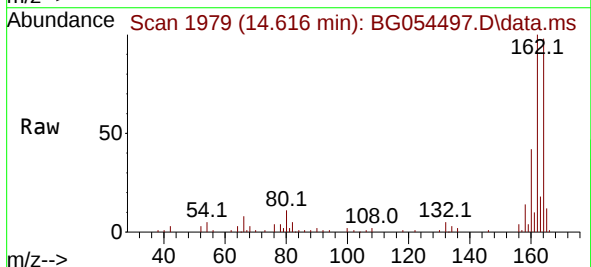
Instrument :
 BNA_G
 ClientSampleId :
 RVE-133

Tgt Ion: 82 Resp: 83543
 Ion Ratio Lower Upper
 82 100
 128 42.2 27.9 41.9#
 54 55.3 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: BG054497.D
 Acq: 3 Aug 2022 13:14

Tgt Ion: 164 Resp: 50184
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.3 123.5
 160 43.1 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 127.431 ng

RT: 16.114 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054497.D

Acq: 3 Aug 2022 13:14

Instrument :

BNA_G

ClientSampleId :

RVE-133

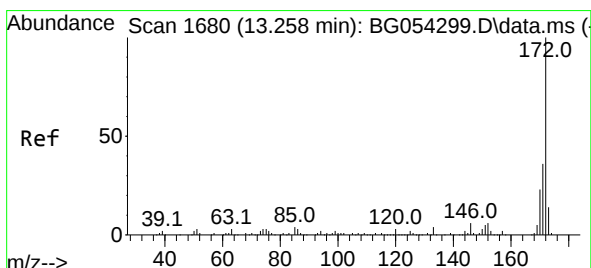
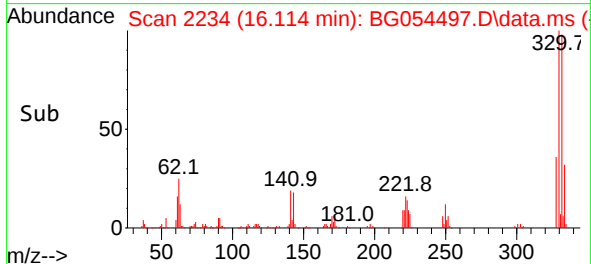
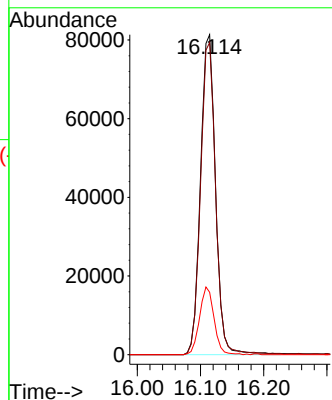
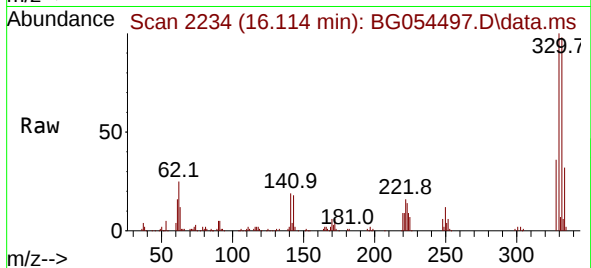
Tgt Ion:330 Resp: 134271

Ion Ratio Lower Upper

330 100

332 97.2 76.0 114.0

141 20.4 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 76.906 ng

RT: 13.235 min Scan# 1744

Delta R.T. -0.012 min

Lab File: BG054497.D

Acq: 3 Aug 2022 13:14

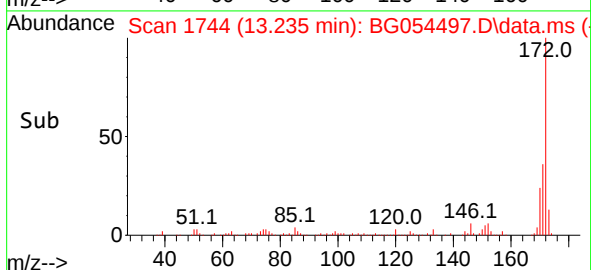
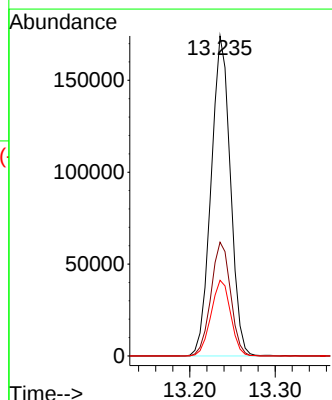
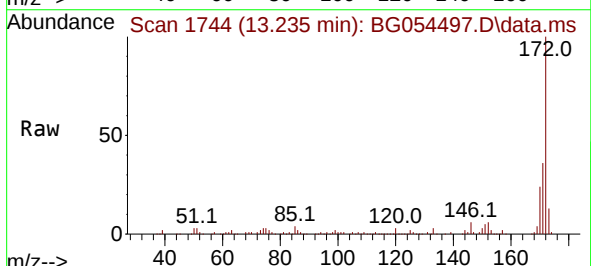
Tgt Ion:172 Resp: 273587

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.7 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 7.794 ng

RT: 14.616 min Scan# 1979

Delta R.T. 0.417 min

Lab File: BG054497.D

Acq: 3 Aug 2022 13:14

Instrument :

BNA_G

ClientSampleId :

RVE-133

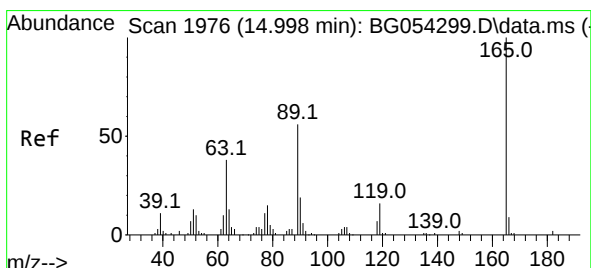
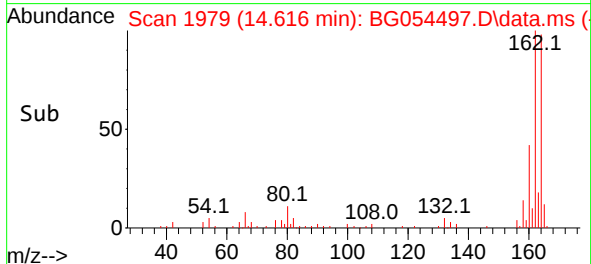
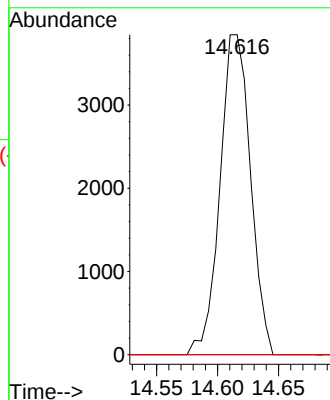
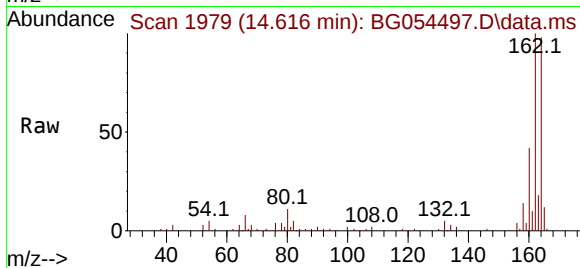
Tgt Ion:165 Resp: 6701

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: 5.437 ng

RT: 14.616 min Scan# 1979

Delta R.T. -0.376 min

Lab File: BG054497.D

Acq: 3 Aug 2022 13:14

Tgt Ion:165 Resp: 6701

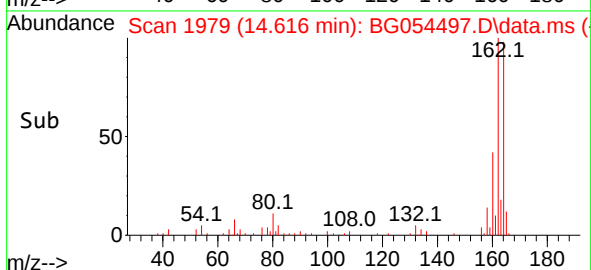
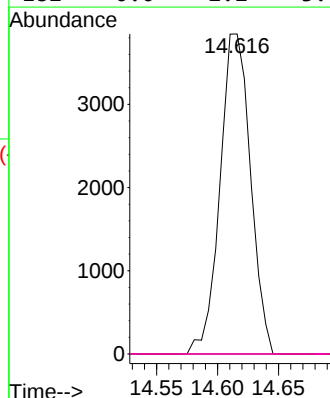
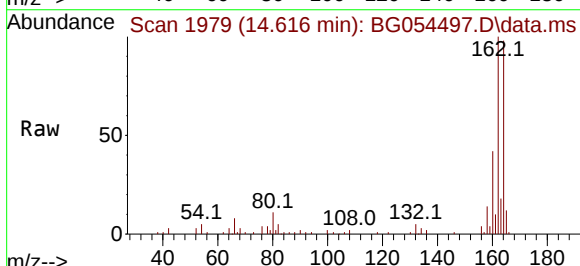
Ion Ratio Lower Upper

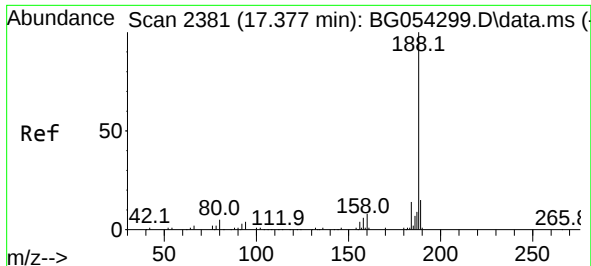
165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#

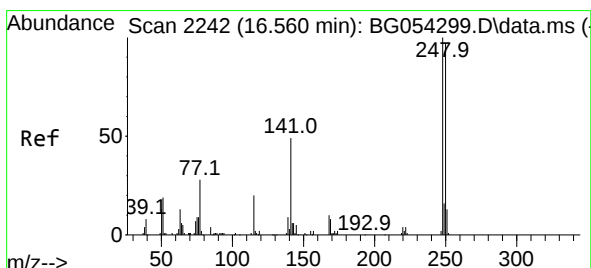
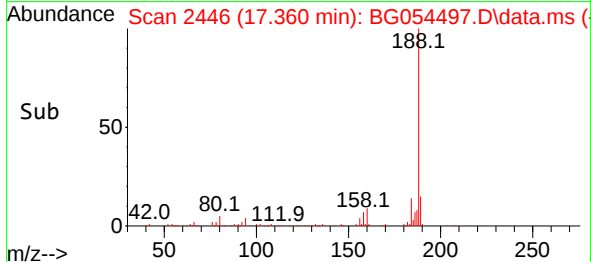
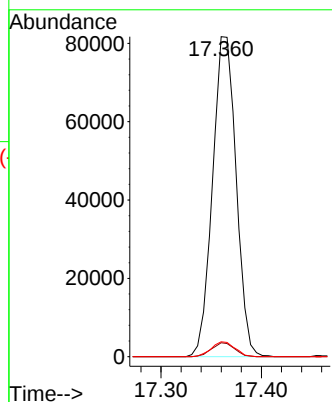
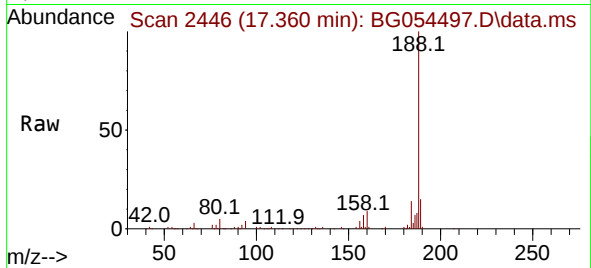




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. -0.012 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

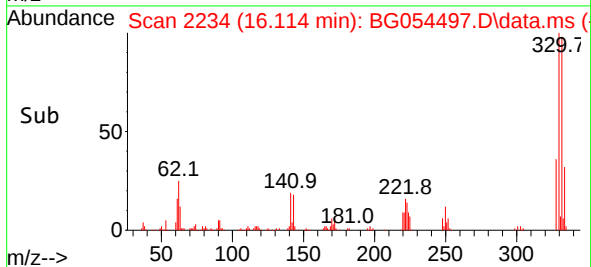
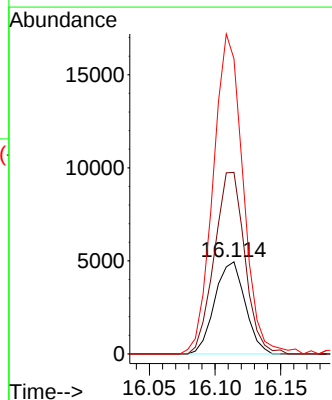
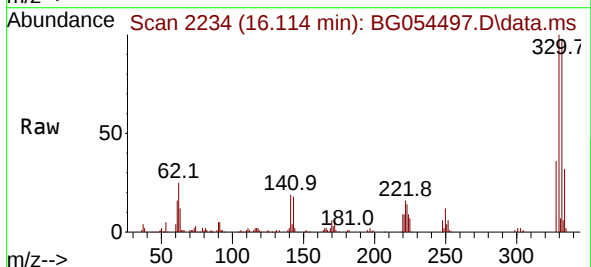
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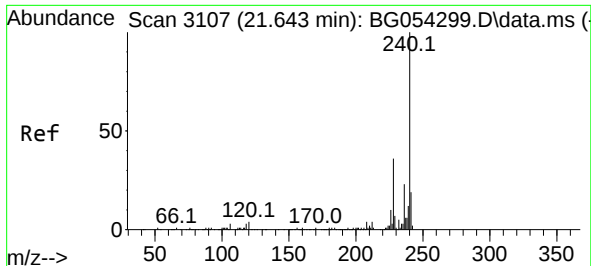
Tgt Ion:188 Resp: 133490
Ion Ratio Lower Upper
188 100
94 4.3 5.4 8.0#
80 4.7 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.245 ng
RT: 16.114 min Scan# 2234
Delta R.T. -0.440 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

Tgt Ion:248 Resp: 7959
Ion Ratio Lower Upper
248 100
250 255.6 75.2 112.8#
141 320.4 50.0 75.0#

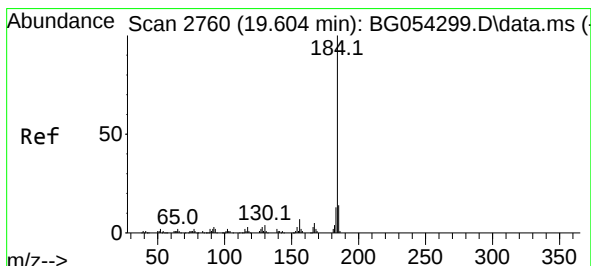
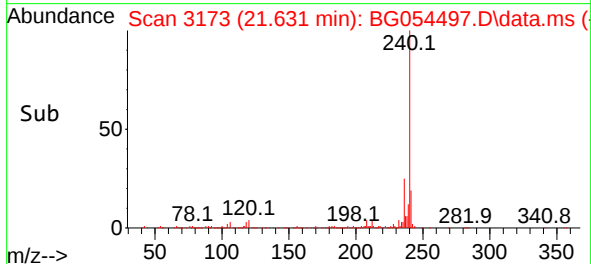
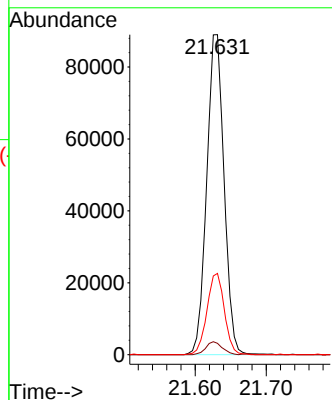
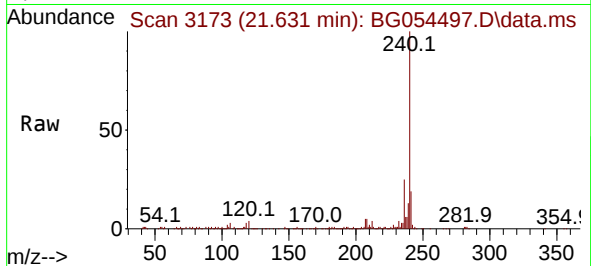




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

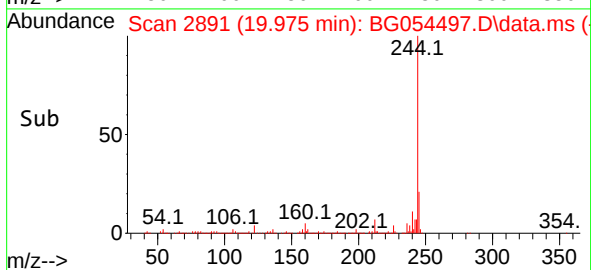
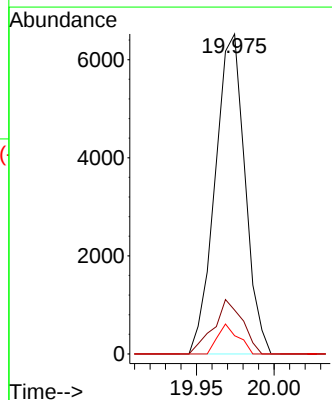
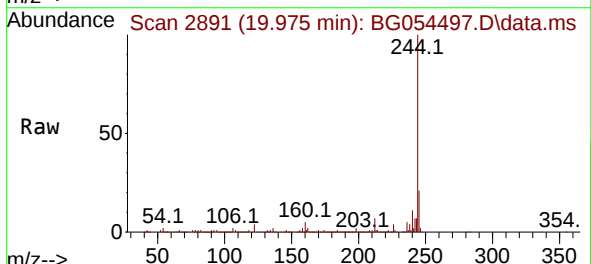
Instrument :
BNA_G
ClientSampleId :
RVE-133

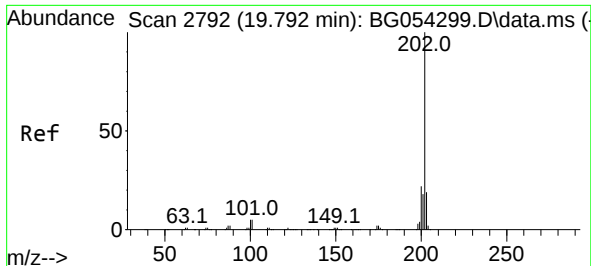
Tgt Ion:240 Resp: 151317
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 25.4 20.2 30.4



#77
Benzidine
Concen: 3.184 ng
RT: 19.975 min Scan# 2891
Delta R.T. 0.376 min
Lab File: BG054497.D
Acq: 3 Aug 2022 13:14

Tgt Ion:184 Resp: 8725
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.6
183 5.7 8.9 13.3#

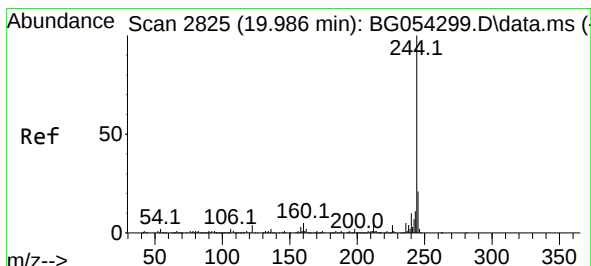
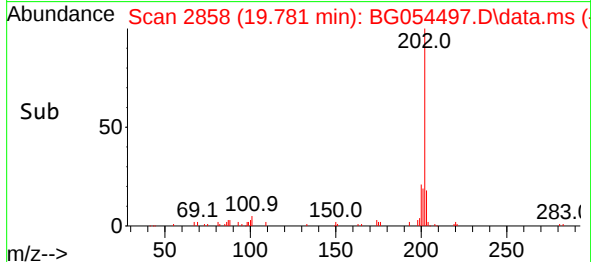
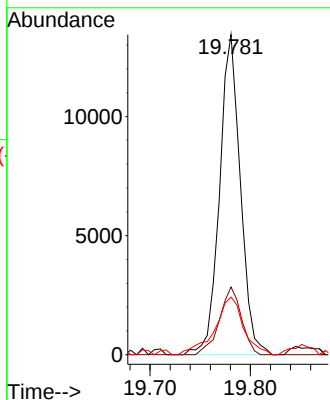
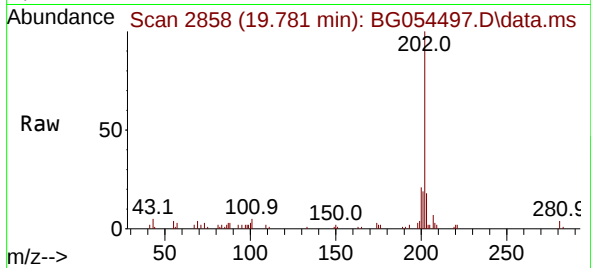




#78
 Pyrene
 Concen: 2.232 ng
 RT: 19.781 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG054497.D
 Acq: 3 Aug 2022 13:14

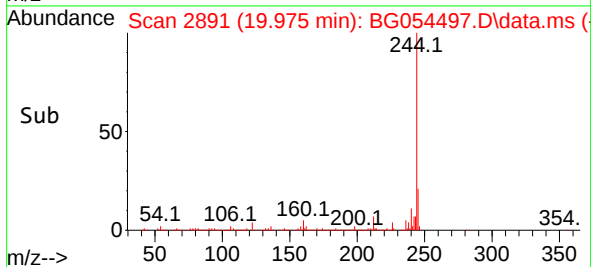
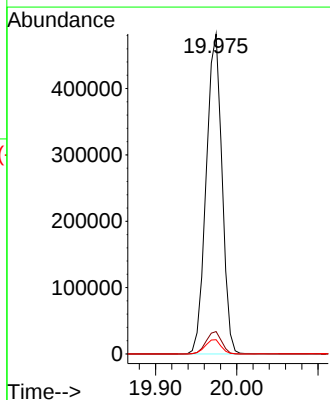
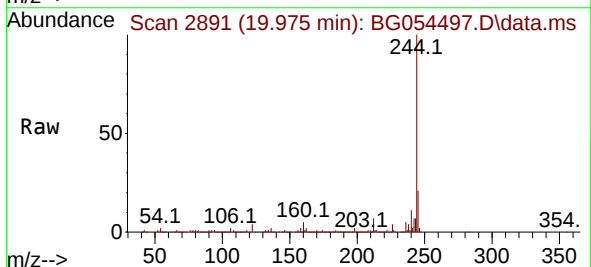
Instrument :
 BNA_G
 ClientSampleId :
 RVE-133

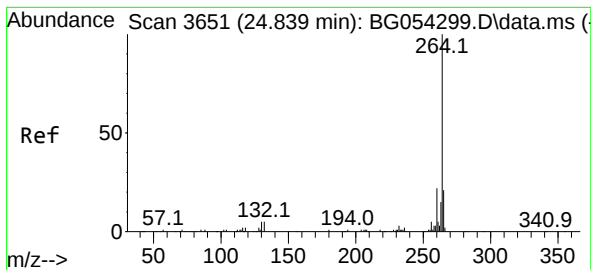
Tgt Ion:	202	Resp:	19380
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	18.0	14.6	21.8



#79
 Terphenyl-d14
 Concen: 85.167 ng
 RT: 19.975 min Scan# 2891
 Delta R.T. -0.006 min
 Lab File: BG054497.D
 Acq: 3 Aug 2022 13:14

Tgt Ion:	244	Resp:	649620
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.5	9.7
122	4.4	5.0	7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.828 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG054497.D
 Acq: 3 Aug 2022 13:14

Instrument :
 BNA_G
 ClientSampleId :
 RVE-133

Tgt Ion:264 Resp: 160843
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.2 17.4 26.2

