

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080322\
 Data File : BG054496.D
 Acq On : 3 Aug 2022 12:33
 Operator : CG/JU
 Sample : N3935-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-141

Quant Time: Aug 04 00:43:20 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)

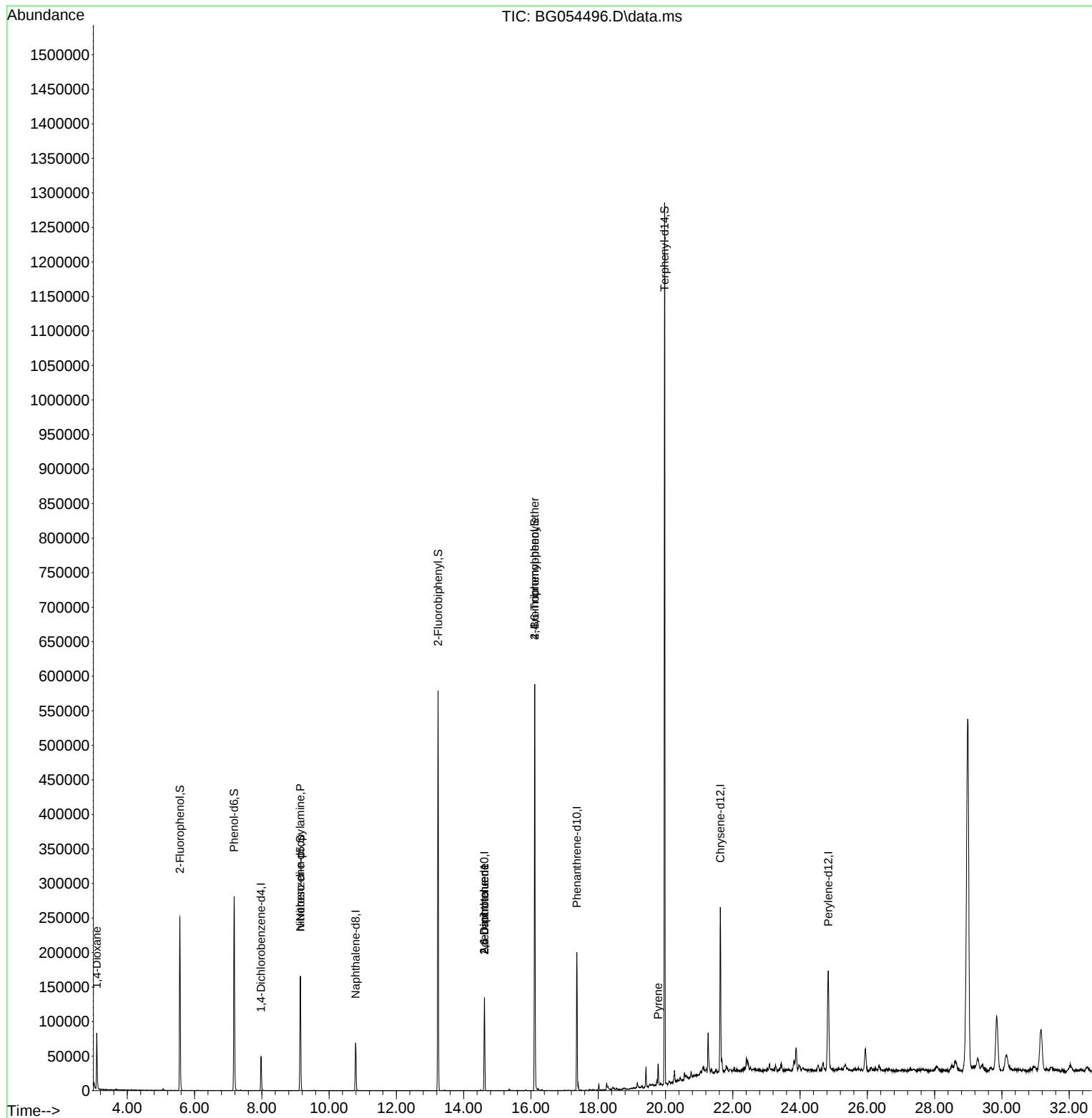
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	16076	20.000	ng	#-0.01
21) Naphthalene-d8	10.791	136	65837	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	53763	20.000	ng	0.00
64) Phenanthrene-d10	17.365	188	144608	20.000	ng	# 0.00
76) Chrysene-d12	21.631	240	162062	20.000	ng	# 0.00
86) Perylene-d12	24.839	264	168515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	115010	149.370	ng	0.00
7) Phenol-d6	7.177	99	157853	149.617	ng	0.00
23) Nitrobenzene-d5	9.146	82	101907	84.292	ng	0.00
42) 2,4,6-Tribromophenol	16.114	330	151785	134.463	ng	0.00
45) 2-Fluorobiphenyl	13.241	172	331470	86.975	ng	0.00
79) Terphenyl-d14	19.974	244	734964	89.967	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.094	88	714	2.331	ng	# 1
19) n-Nitroso-di-n-propyla...	9.146	70	14402	20.442	ng	# 81
51) 2,6-Dinitrotoluene	14.616	165	7316	7.943	ng	# 16
57) 2,4-Dinitrotoluene	14.616	165	7316	5.540	ng	# 21
67) 4-Bromophenyl-phenylether	16.114	248	9124	4.492	ng	# 1
78) Pyrene	19.780	202	22752	2.447	ng	100

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

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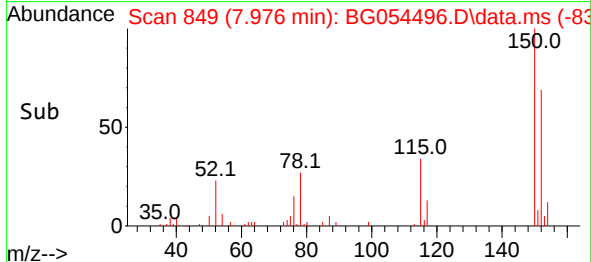
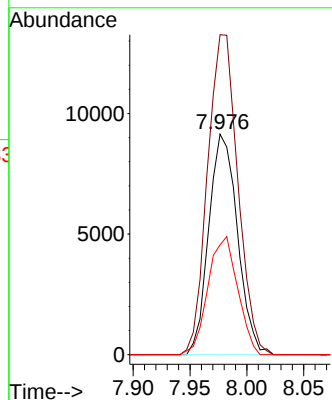
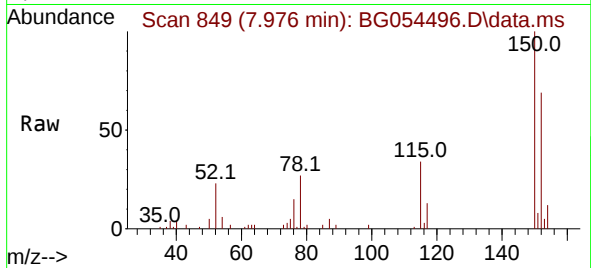




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.976 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BG054496.D
 Acq: 3 Aug 2022 12:33

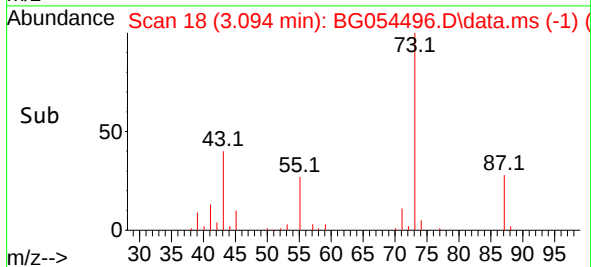
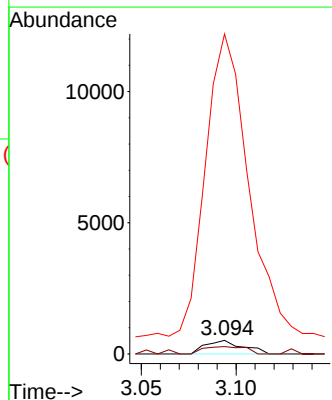
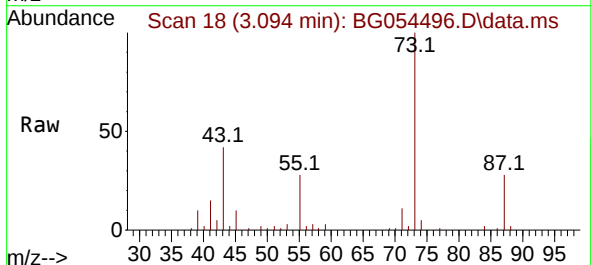
Instrument :
 BNA_G
 ClientSampleId :
 RVE-141

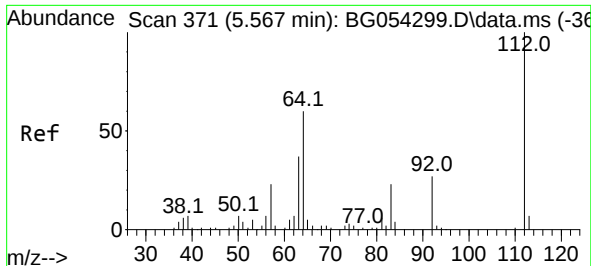
Tgt Ion:152 Resp: 16076
 Ion Ratio Lower Upper
 152 100
 150 145.1 131.6 197.4
 115 49.8 50.9 76.3#



#2
 1,4-Dioxane
 Concen: 2.331 ng
 RT: 3.094 min Scan# 18
 Delta R.T. -0.323 min
 Lab File: BG054496.D
 Acq: 3 Aug 2022 12:33

Tgt Ion: 88 Resp: 714
 Ion Ratio Lower Upper
 88 100
 58 61.2 59.2 88.8
 43 2683.2 24.3 36.5#

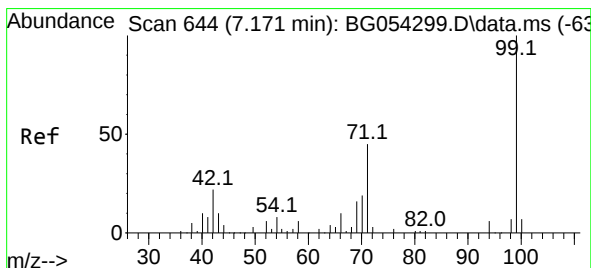
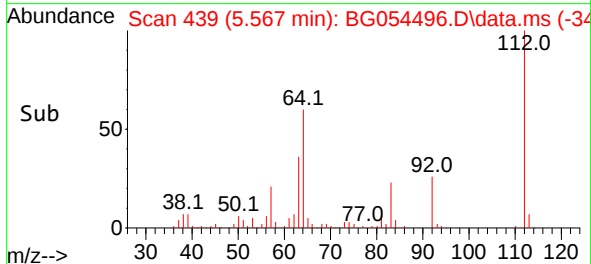
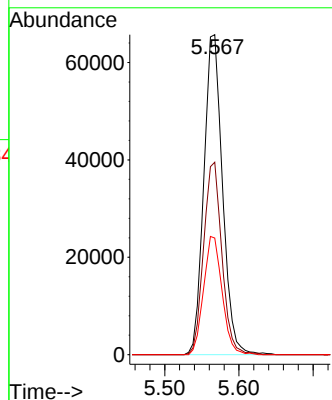
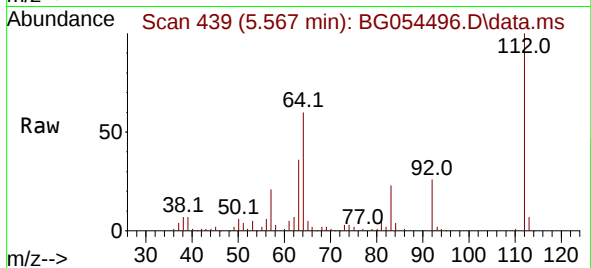




#5
2-Fluorophenol
Concen: 149.370 ng
RT: 5.567 min Scan# 41
Delta R.T. 0.006 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

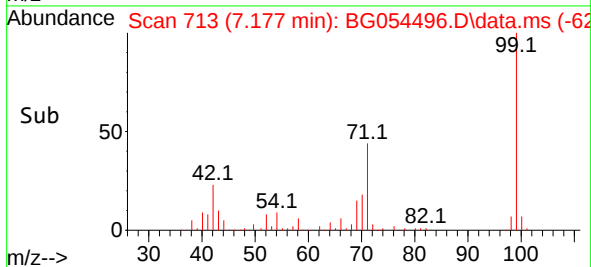
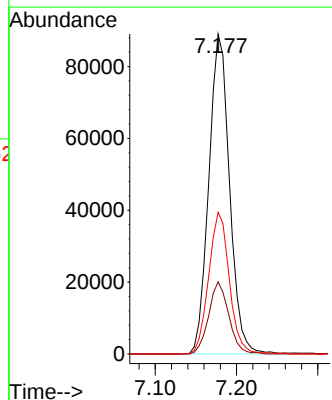
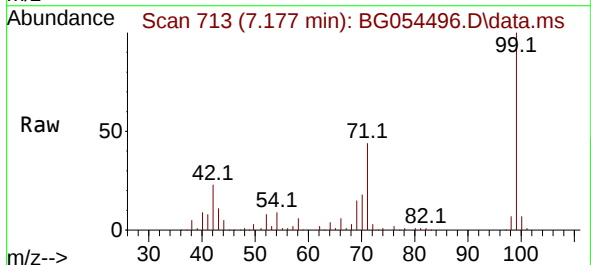
Instrument :
BNA_G
ClientSampleId :
RVE-141

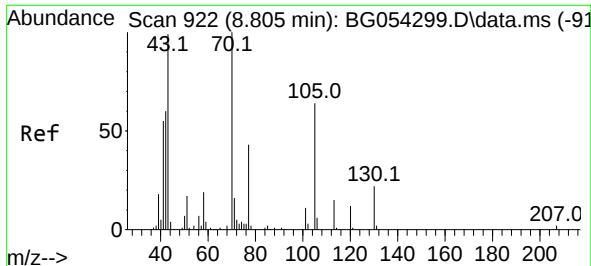
Tgt Ion:112 Resp: 115010
Ion Ratio Lower Upper
112 100
64 60.2 55.1 82.7
63 36.4 30.4 45.6



#7
Phenol-d6
Concen: 149.617 ng
RT: 7.177 min Scan# 713
Delta R.T. 0.006 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

Tgt Ion: 99 Resp: 157853
Ion Ratio Lower Upper
99 100
42 22.6 17.0 25.6
71 44.3 33.8 50.8

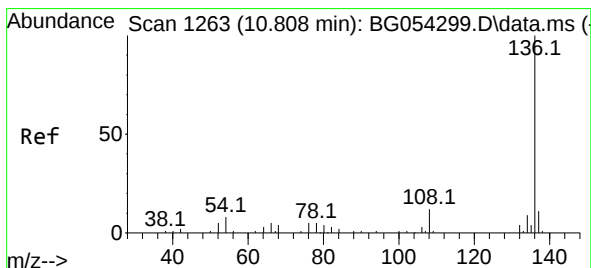
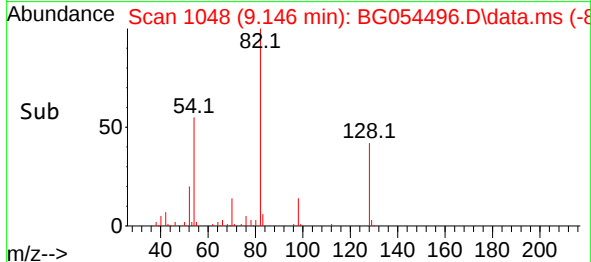
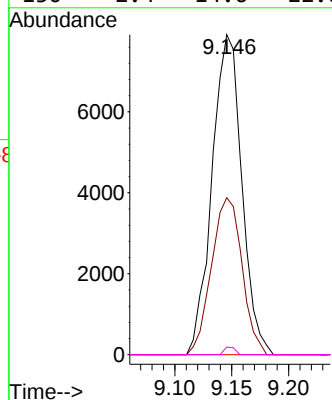
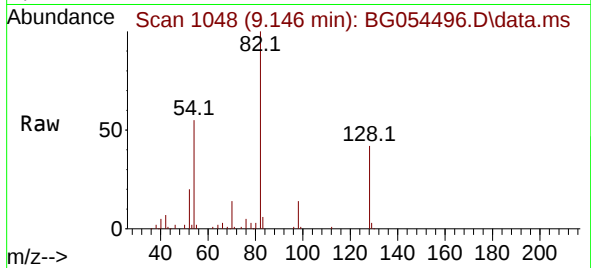




#19
n-Nitroso-di-n-propylamine
Concen: 20.442 ng
RT: 9.146 min Scan# 1048
Delta R.T. 0.352 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

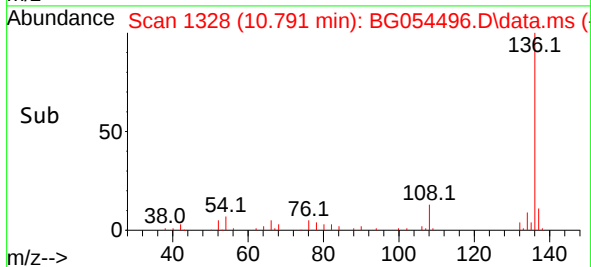
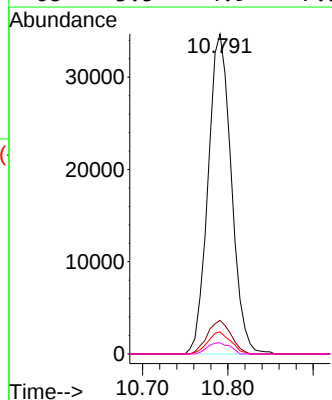
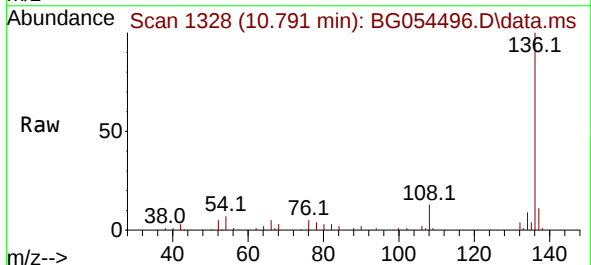
Instrument :
BNA_G
ClientSampleId :
RVE-141

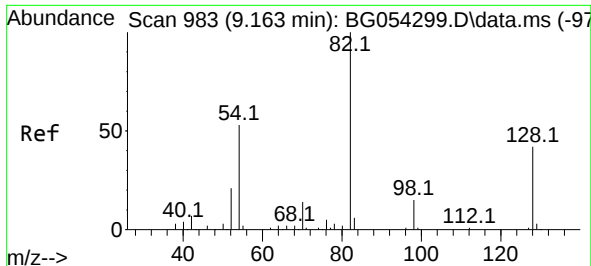
Tgt Ion:	70	Resp:	14402
Ion Ratio	Lower	Upper	
70	100		
42	49.0	47.3	70.9
101	0.0	7.0	10.4#
130	2.4	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.791 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

Tgt Ion:	136	Resp:	65837
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.9	7.4	11.2#
68	3.5	4.9	7.3#

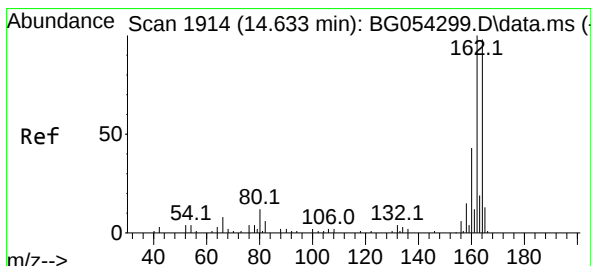
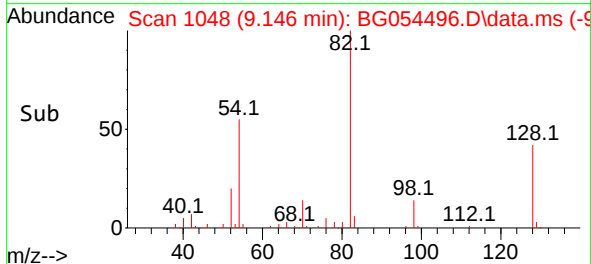
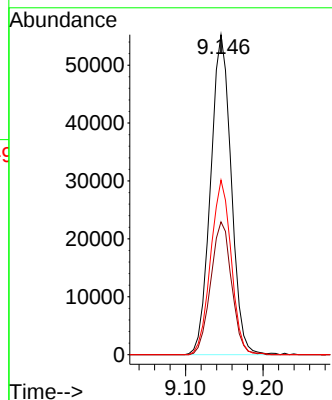
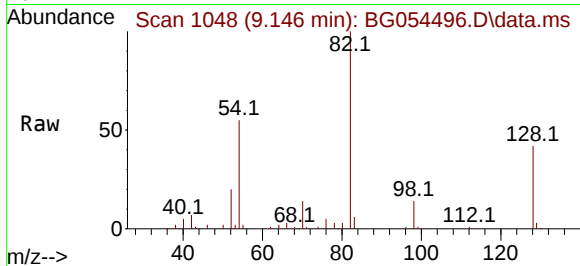




#23
 Nitrobenzene-d5
 Concen: 84.292 ng
 RT: 9.146 min Scan# 1048
 Delta R.T. -0.006 min
 Lab File: BG054496.D
 Acq: 3 Aug 2022 12:33

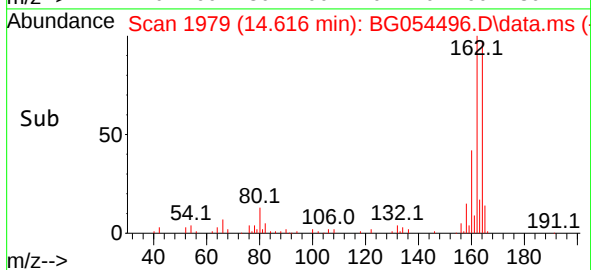
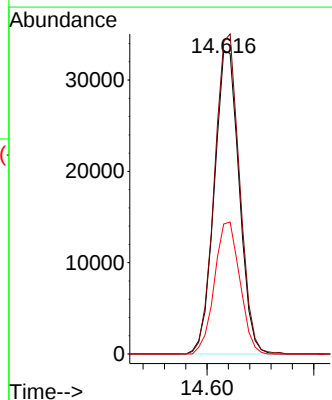
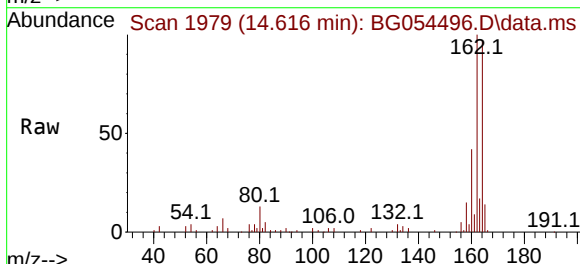
Instrument :
 BNA_G
 ClientSampleId :
 RVE-141

Tgt Ion: 82 Resp: 101907
 Ion Ratio Lower Upper
 82 100
 128 41.5 27.9 41.9
 54 54.6 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: BG054496.D
 Acq: 3 Aug 2022 12:33

Tgt Ion:164 Resp: 53763
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.3 123.5
 160 42.8 34.2 51.2

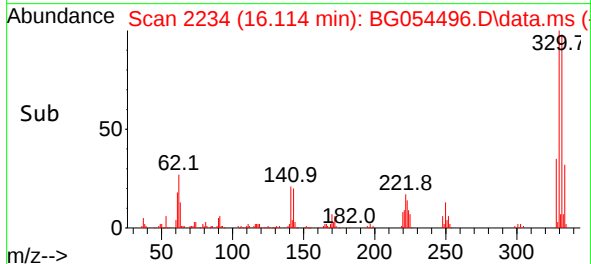
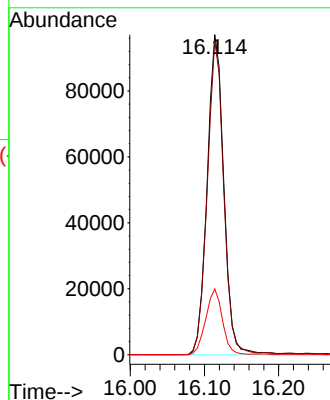
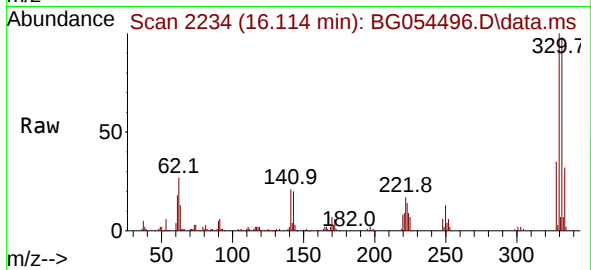




#42
2,4,6-Tribromophenol
Concen: 134.463 ng
RT: 16.114 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

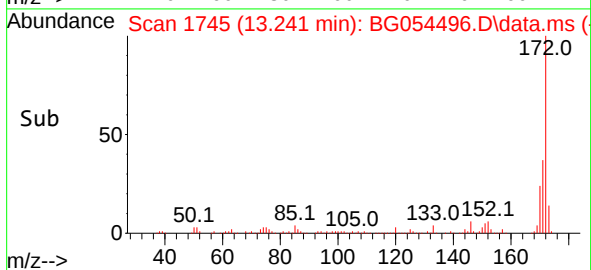
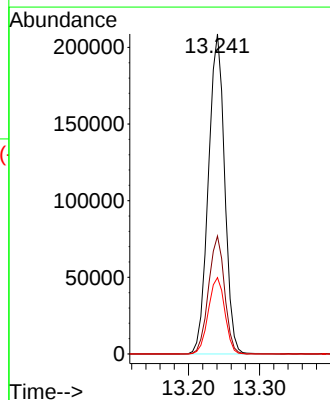
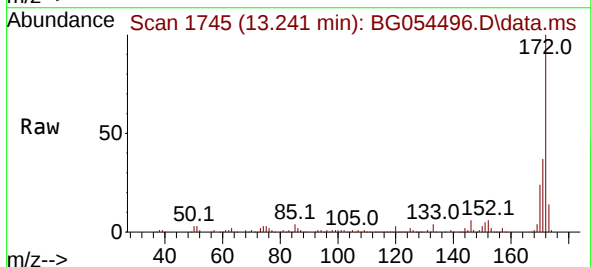
Instrument :
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ClientSampleId :
RVE-141

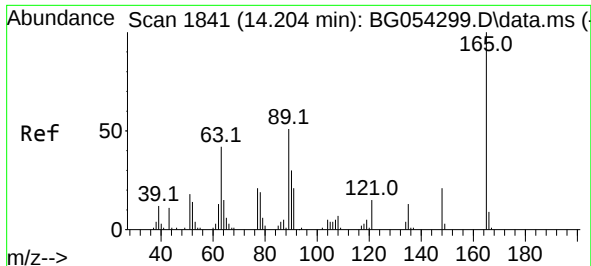
Tgt Ion:330 Resp: 151785
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 20.4 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 86.975 ng
RT: 13.241 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

Tgt Ion:172 Resp: 331470
Ion Ratio Lower Upper
172 100
171 36.9 28.5 42.7
170 23.9 18.9 28.3

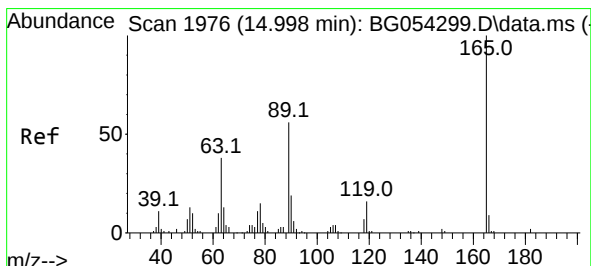
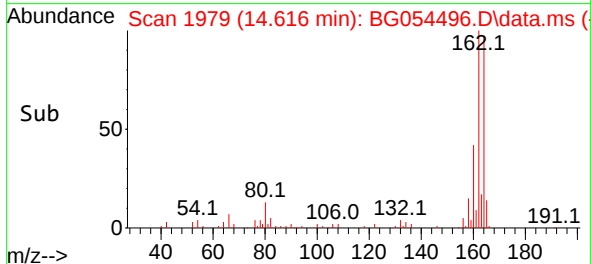
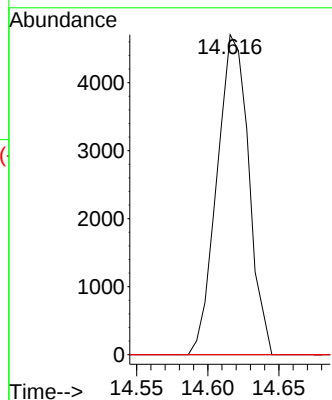
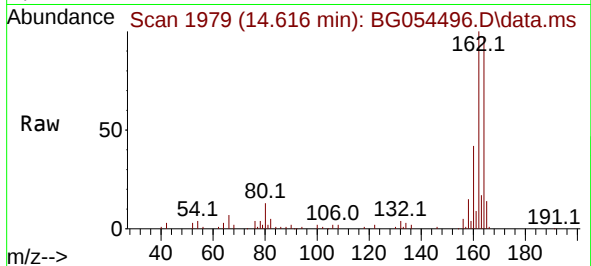




#51
2,6-Dinitrotoluene
Concen: 7.943 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.417 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

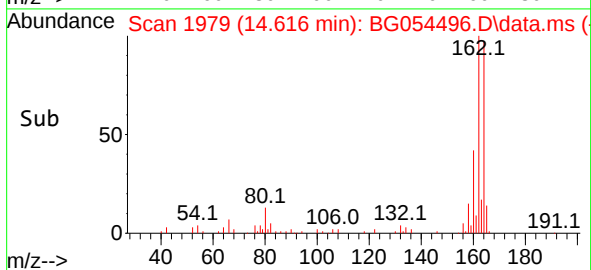
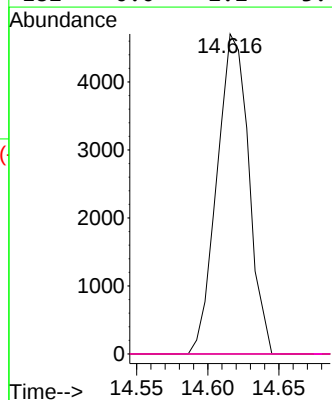
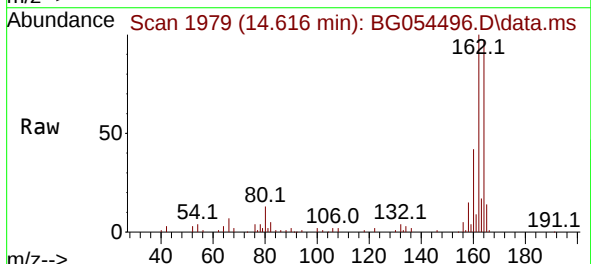
Instrument :
BNA_G
ClientSampleId :
RVE-141

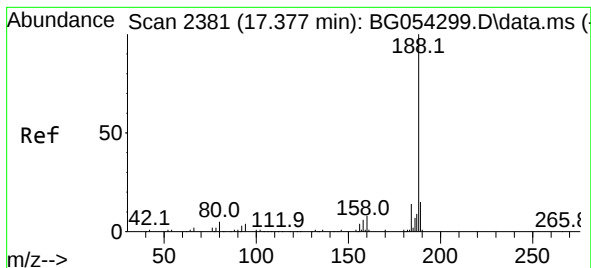
Tgt Ion:165 Resp: 7316
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.540 ng
RT: 14.616 min Scan# 1979
Delta R.T. -0.376 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

Tgt Ion:165 Resp: 7316
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: BG054496.D

Acq: 3 Aug 2022 12:33

Instrument :

BNA_G

ClientSampleId :

RVE-141

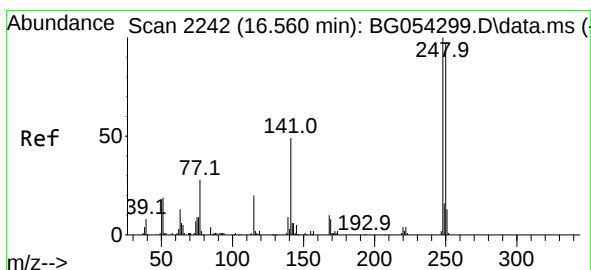
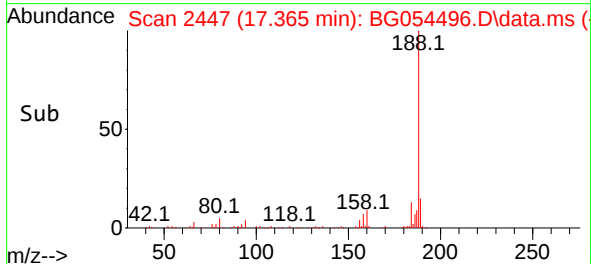
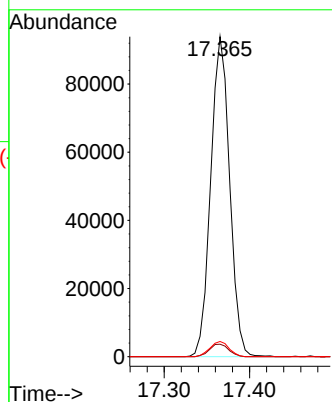
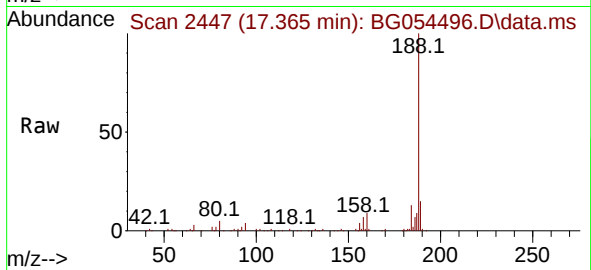
Tgt Ion:188 Resp: 144608

Ion Ratio Lower Upper

188 100

94 3.9 5.4 8.0#

80 4.7 6.8 10.2#



#67

4-Bromophenyl-phenylether

Concen: 4.492 ng

RT: 16.114 min Scan# 2234

Delta R.T. -0.441 min

Lab File: BG054496.D

Acq: 3 Aug 2022 12:33

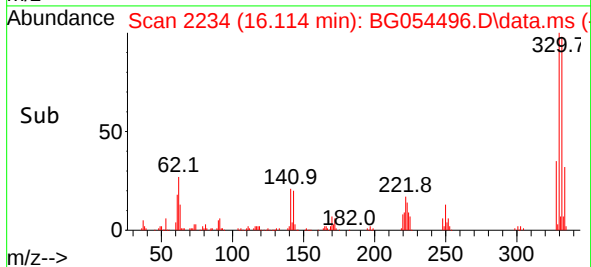
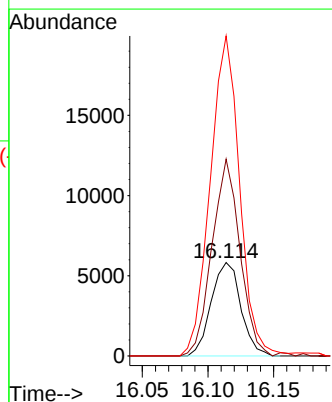
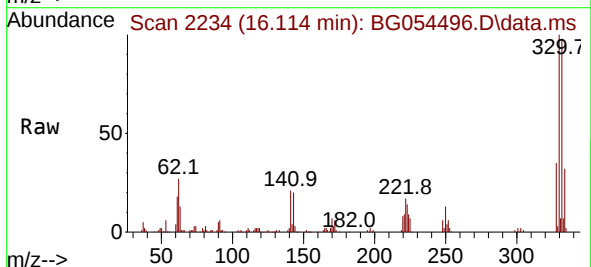
Tgt Ion:248 Resp: 9124

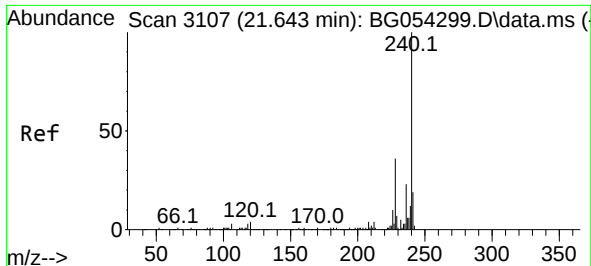
Ion Ratio Lower Upper

248 100

250 210.4 75.2 112.8#

141 342.2 50.0 75.0#

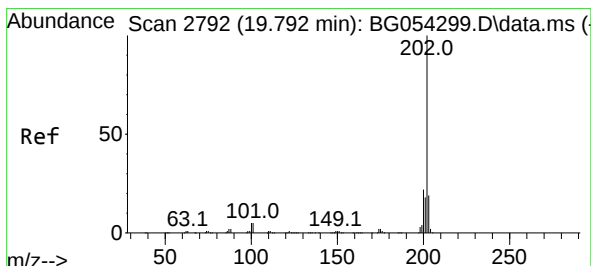
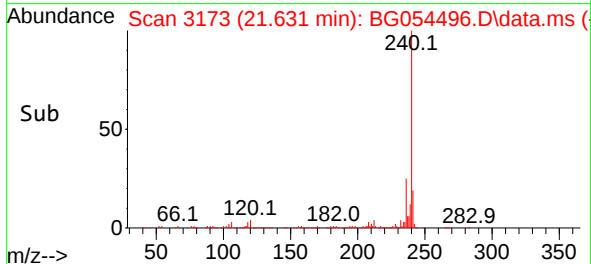
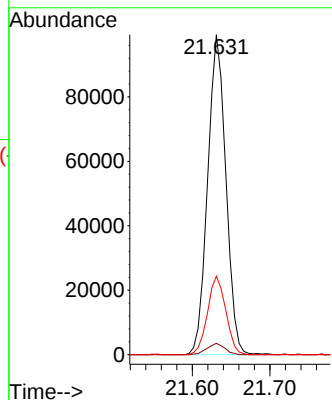
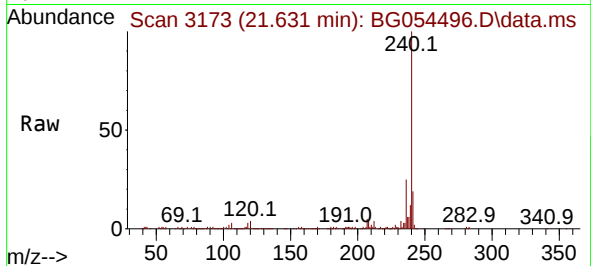




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.631 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

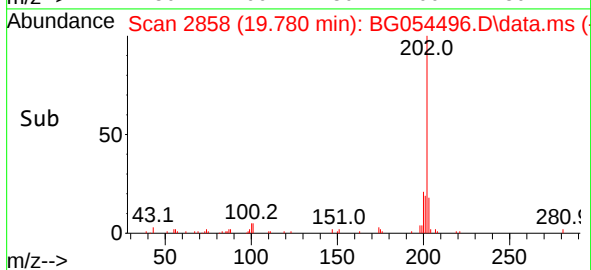
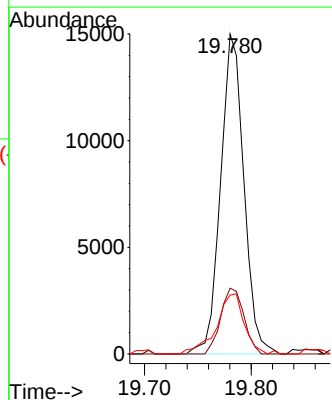
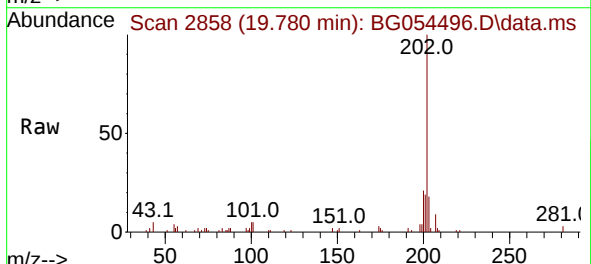
Instrument :
BNA_G
ClientSampleId :
RVE-141

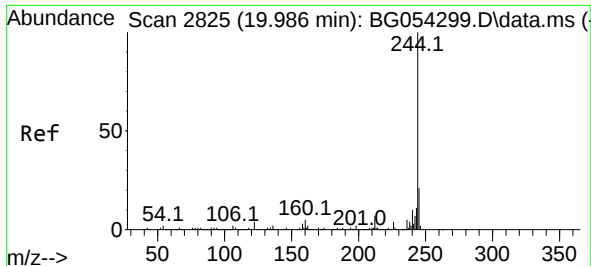
Tgt Ion:240 Resp: 162062
Ion Ratio Lower Upper
240 100
120 3.5 4.6 7.0#
236 24.6 20.2 30.4



#78
Pyrene
Concen: 2.447 ng
RT: 19.780 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BG054496.D
Acq: 3 Aug 2022 12:33

Tgt Ion:202 Resp: 22752
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.4 14.6 21.8

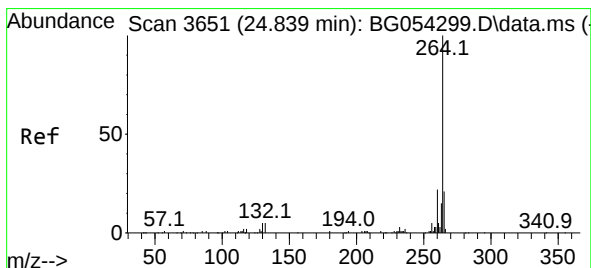
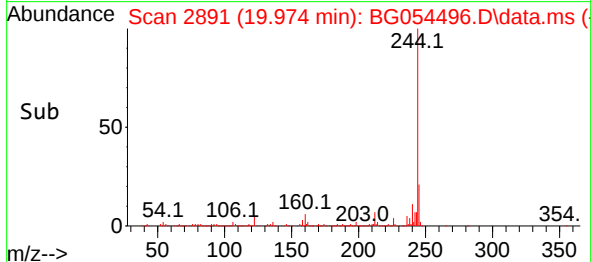
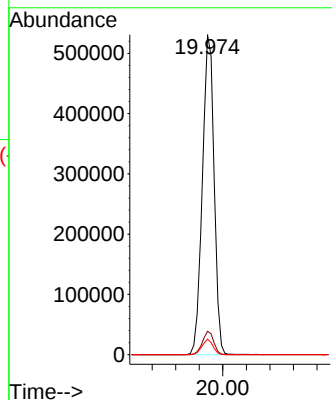
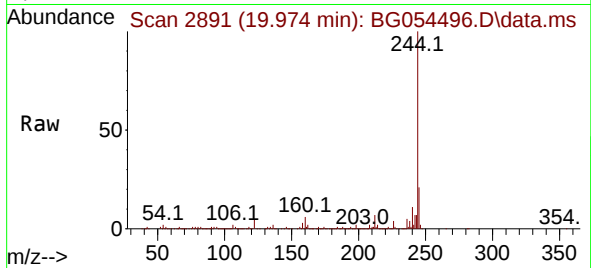




#79
 Terphenyl-d14
 Concen: 89.967 ng
 RT: 19.974 min Scan# 2891
 Delta R.T. -0.006 min
 Lab File: BG054496.D
 Acq: 3 Aug 2022 12:33

Instrument :
 BNA_G
 ClientSampleId :
 RVE-141

Tgt Ion:244 Resp: 734964
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 4.8 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.839 min Scan# 3719
 Delta R.T. 0.006 min
 Lab File: BG054496.D
 Acq: 3 Aug 2022 12:33

Tgt Ion:264 Resp: 168515
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.4 17.4 26.2

