

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
 Data File : BG054534.D
 Acq On : 5 Aug 2022 14:02
 Operator : CG/JU
 Sample : N3931-18RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-129

Quant Time: Aug 06 05:39:32 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)

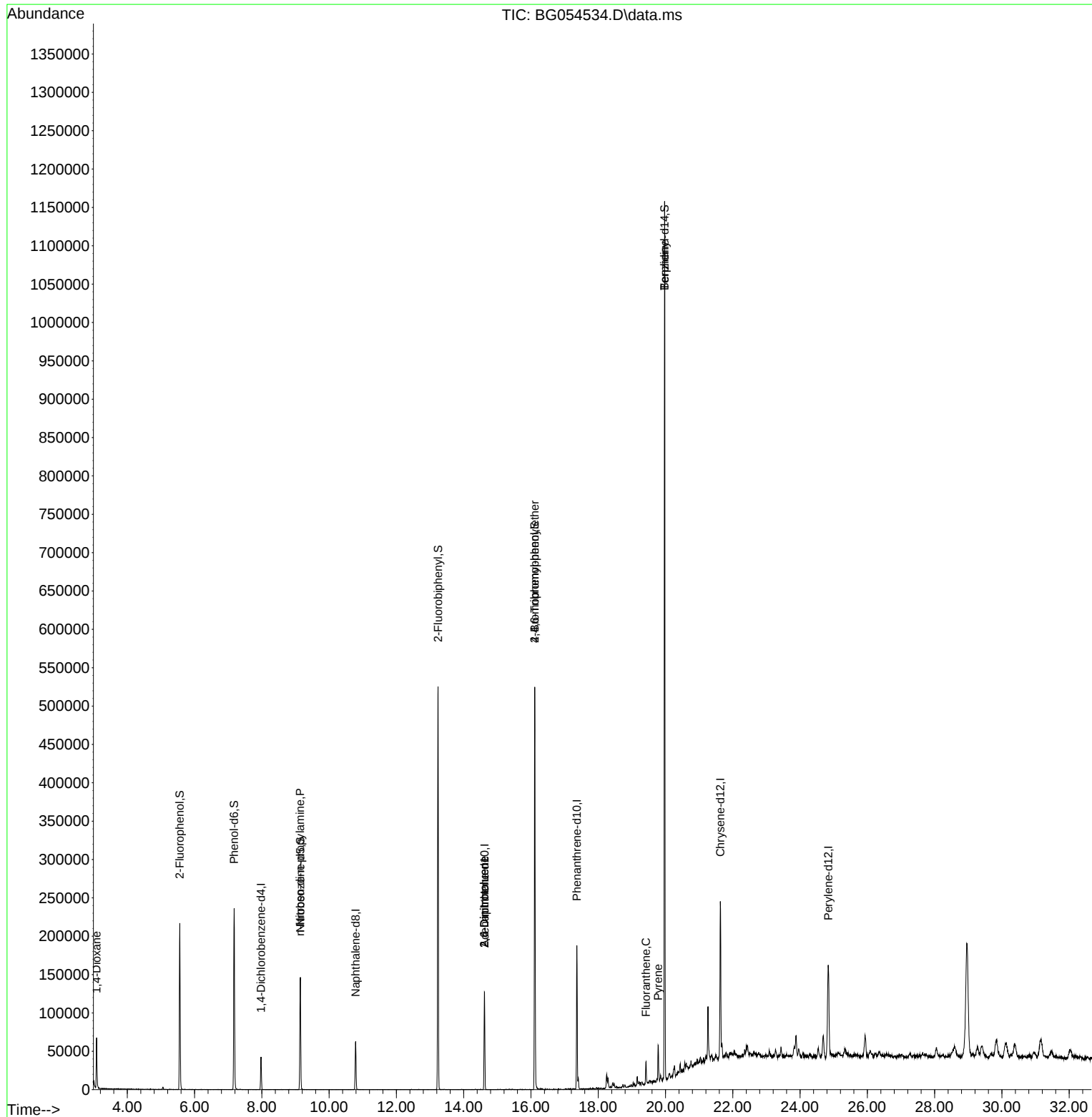
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	13716	20.000	ng	-0.01
21) Naphthalene-d8	10.790	136	58881	20.000	ng	# 0.00
39) Acenaphthene-d10	14.620	164	52077	20.000	ng	0.00
64) Phenanthrene-d10	17.364	188	132988	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	140578	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	148812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	95960	146.073	ng	0.00
7) Phenol-d6	7.176	99	137166	152.379	ng	0.00
23) Nitrobenzene-d5	9.144	82	91025	84.186	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	142078	129.939	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	312485	84.648	ng	0.00
79) Terphenyl-d14	19.973	244	655841	92.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	533	2.039	ng	# 1
19) n-Nitroso-di-n-propyla...	9.139	70	12950	21.544	ng	# 82
51) 2,6-Dinitrotoluene	14.614	165	7212	8.083	ng	# 16
57) 2,4-Dinitrotoluene	14.614	165	7212	5.639	ng	# 21
67) 4-Bromophenyl-phenylether	16.113	248	8424	4.510	ng	# 1
75) Fluoranthene	19.421	202	19302	2.138	ng	95
77) Benzidine	19.973	184	8461	3.323	ng	# 91
78) Pyrene	19.779	202	29283	3.630	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080522\
Data File : BG054534.D
Acq On : 5 Aug 2022 14:02
Operator : CG/JU
Sample : N3931-18RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RVE-129

Quant Time: Aug 06 05:39:32 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

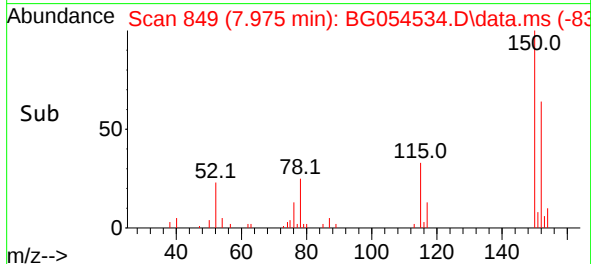
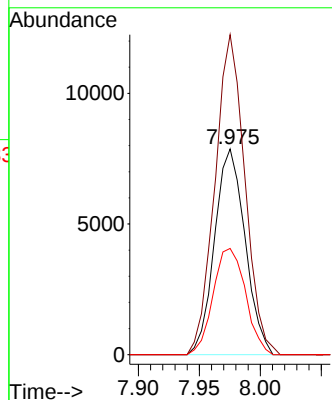
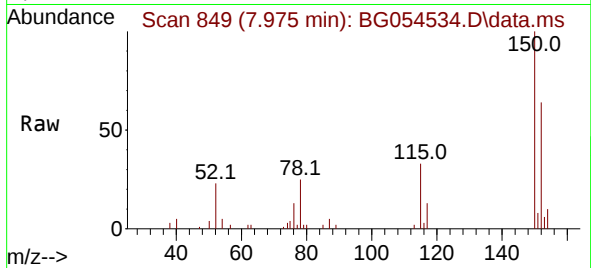




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 84
 Delta R.T. -0.013 min
 Lab File: BG054534.D
 Acq: 5 Aug 2022 14:02

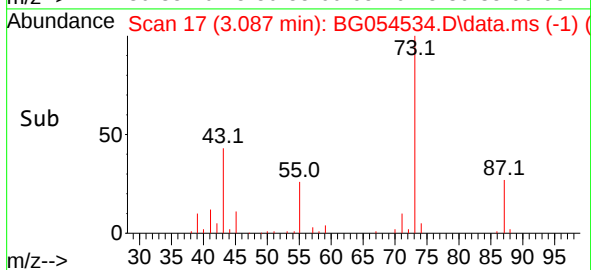
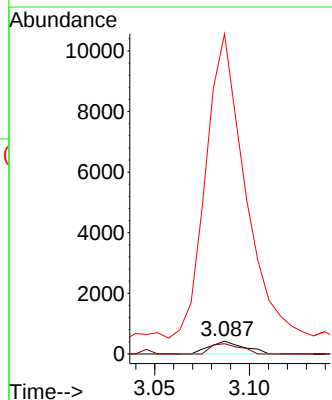
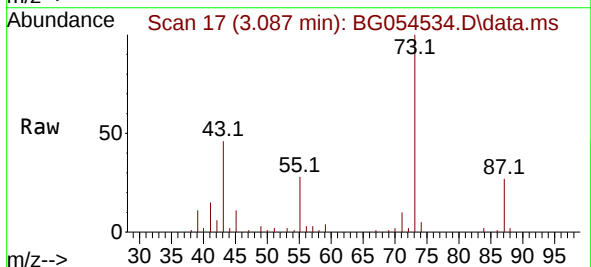
Instrument :
 BNA_G
 ClientSampleId :
 RVE-129

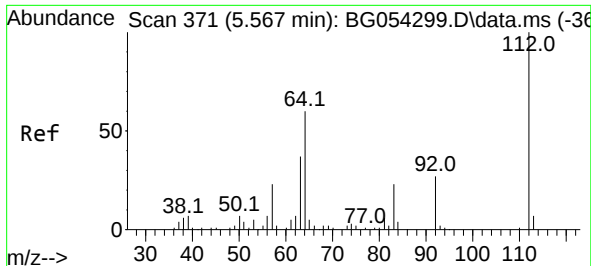
Tgt Ion:152 Resp: 13716
 Ion Ratio Lower Upper
 152 100
 150 155.5 131.6 197.4
 115 51.7 50.9 76.3



#2
 1,4-Dioxane
 Concen: 2.039 ng
 RT: 3.087 min Scan# 17
 Delta R.T. -0.330 min
 Lab File: BG054534.D
 Acq: 5 Aug 2022 14:02

Tgt Ion: 88 Resp: 533
 Ion Ratio Lower Upper
 88 100
 58 68.9 59.2 88.8
 43 2741.5 24.3 36.5#

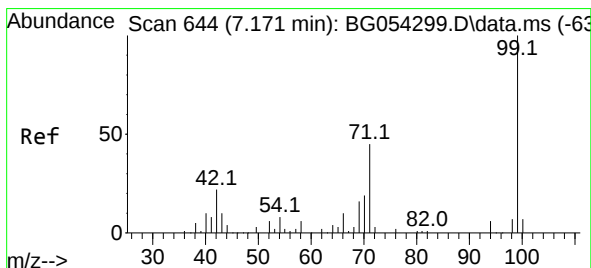
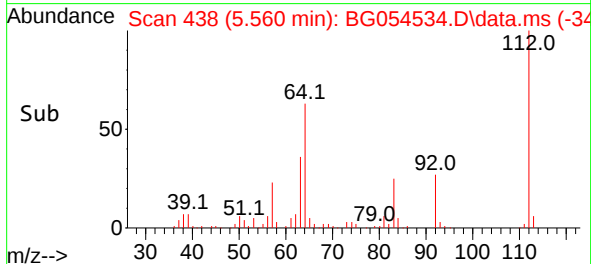
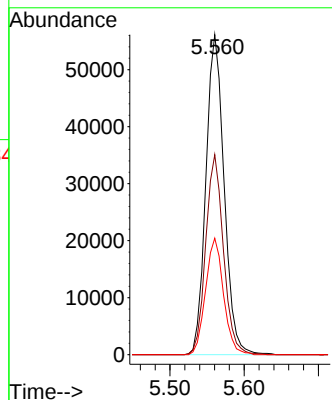
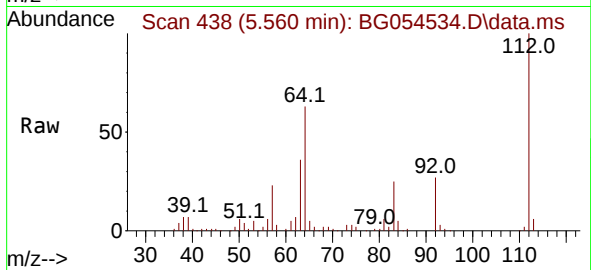




#5
2-Fluorophenol
Concen: 146.073 ng
RT: 5.560 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

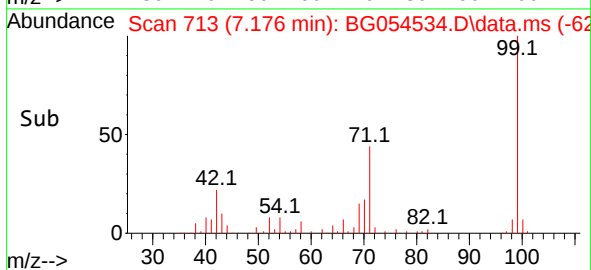
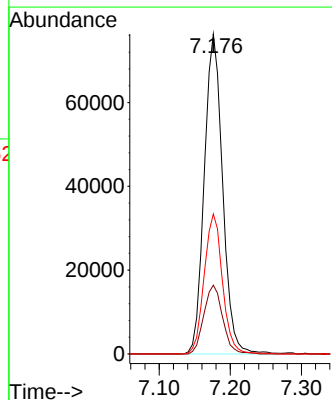
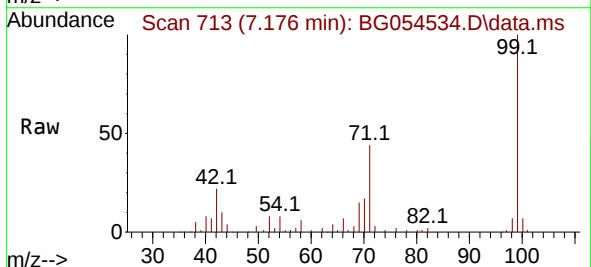
Instrument :
BNA_G
ClientSampleId :
RVE-129

Tgt Ion:112 Resp: 95960
Ion Ratio Lower Upper
112 100
64 62.5 55.1 82.7
63 36.4 30.4 45.6



#7
Phenol-d6
Concen: 152.379 ng
RT: 7.176 min Scan# 713
Delta R.T. 0.004 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion: 99 Resp: 137166
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 43.8 33.8 50.8



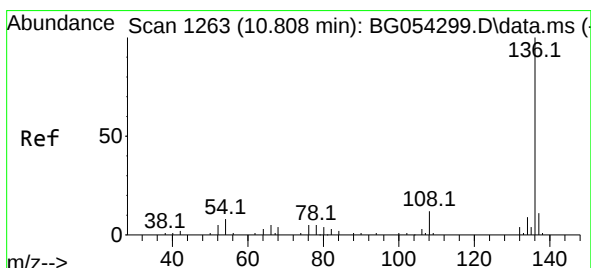
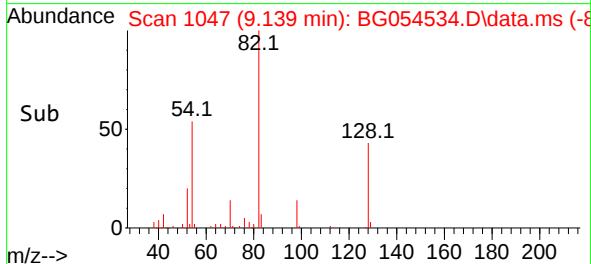
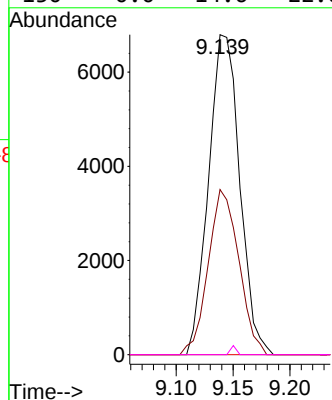
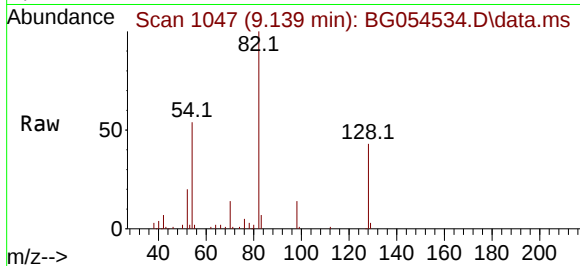


#19
n-Nitroso-di-n-propylamine
Concen: 21.544 ng
RT: 9.139 min Scan# 1047
Delta R.T. 0.345 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Instrument :
BNA_G
ClientSampleId :
RVE-129

Tgt Ion: 70 Resp: 12950

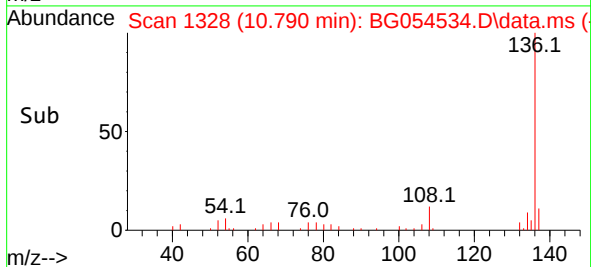
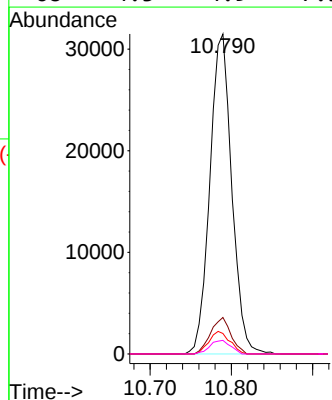
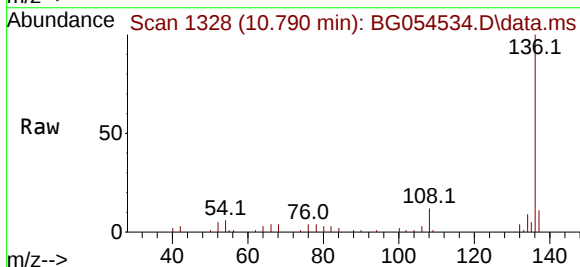
Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.3	70.9
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.790 min Scan# 1328
Delta R.T. -0.007 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion: 136 Resp: 58881

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.4	7.4	11.2#
68	4.3	4.9	7.3#

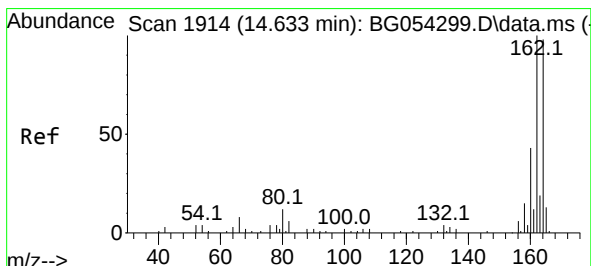
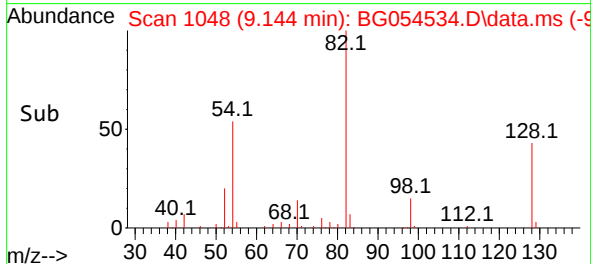
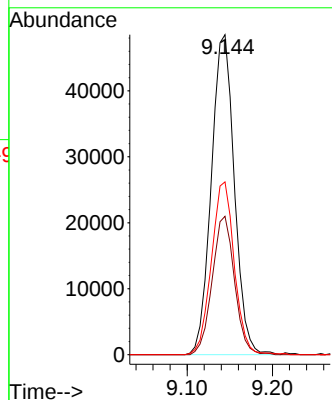
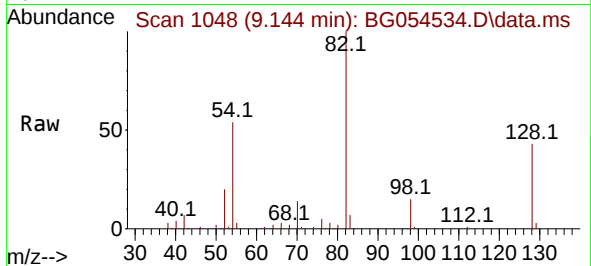




#23
Nitrobenzene-d5
Concen: 84.186 ng
RT: 9.144 min Scan# 1048
Delta R.T. -0.007 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

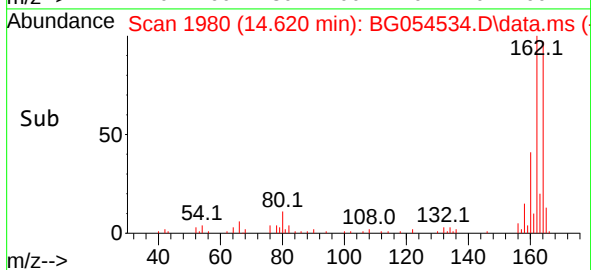
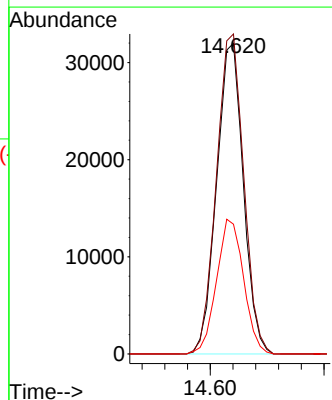
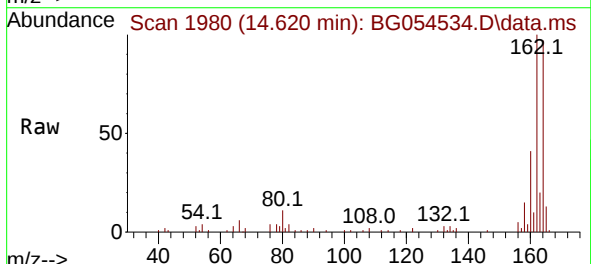
Instrument :
BNA_G
ClientSampleId :
RVE-129

Tgt Ion: 82 Resp: 91025
Ion Ratio Lower Upper
82 100
128 43.3 27.9 41.9#
54 54.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.620 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion:164 Resp: 52077
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 41.7 34.2 51.2

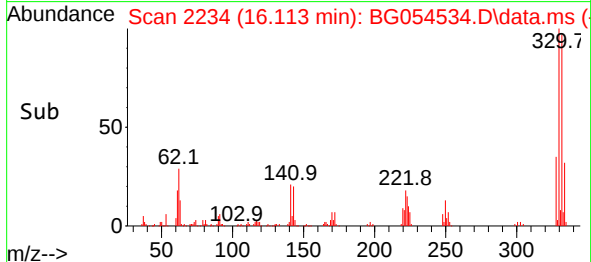
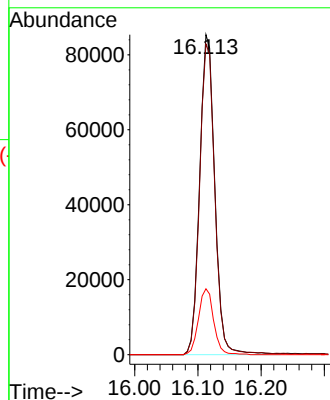
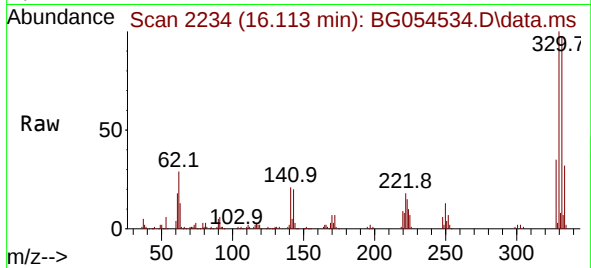




#42
2,4,6-Tribromophenol
Concen: 129.939 ng
RT: 16.113 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

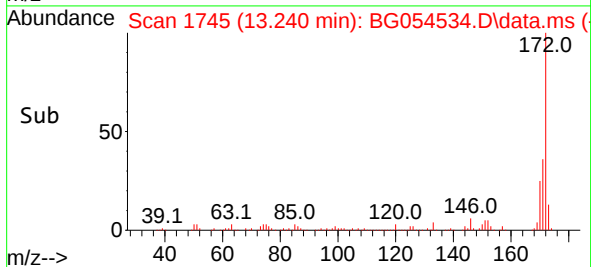
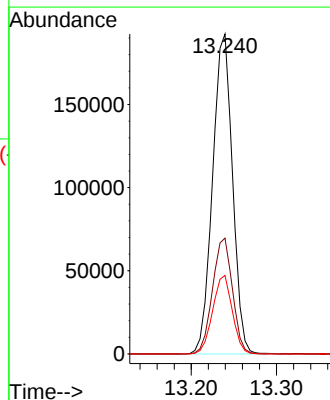
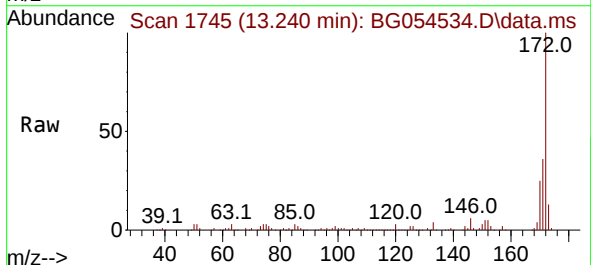
Instrument :
BNA_G
ClientSampleId :
RVE-129

Tgt Ion:330 Resp: 142078
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 20.6 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 84.648 ng
RT: 13.240 min Scan# 1745
Delta R.T. -0.007 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion:172 Resp: 312485
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.5 18.9 28.3

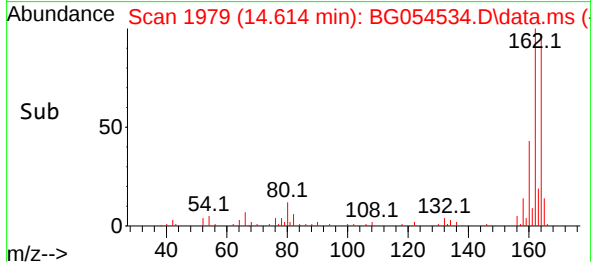
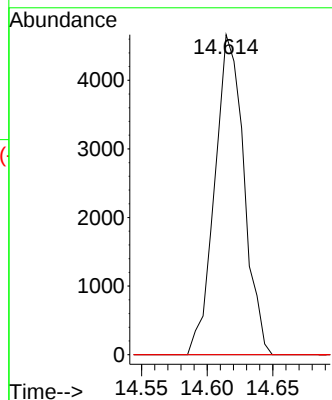
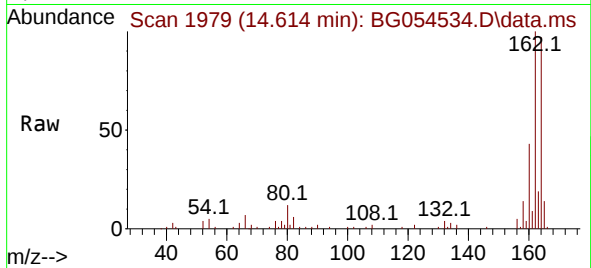




#51
2,6-Dinitrotoluene
Concen: 8.083 ng
RT: 14.614 min Scan# 1979
Delta R.T. 0.416 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

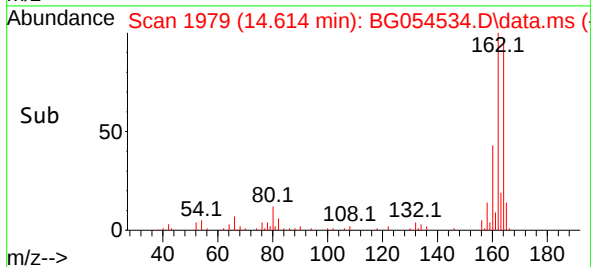
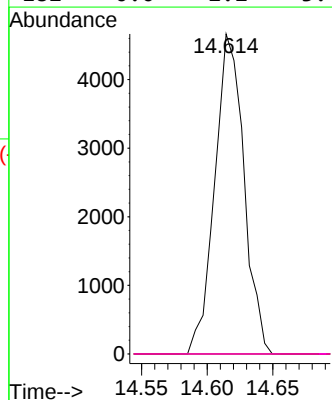
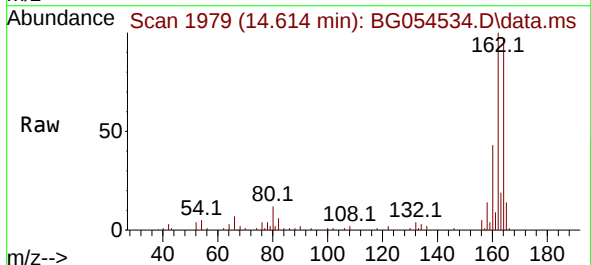
Instrument :
BNA_G
ClientSampleId :
RVE-129

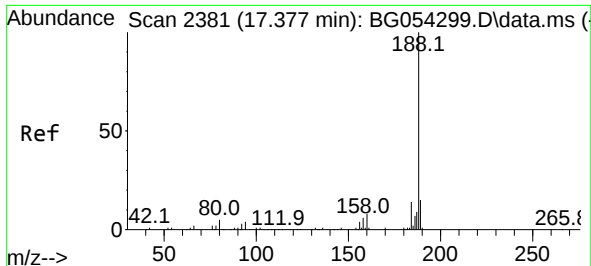
Tgt Ion:165 Resp: 7212
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.639 ng
RT: 14.614 min Scan# 1979
Delta R.T. -0.377 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion:165 Resp: 7212
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#

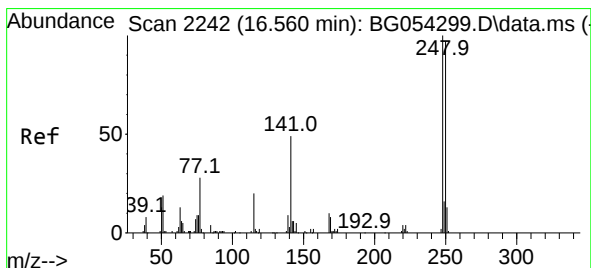
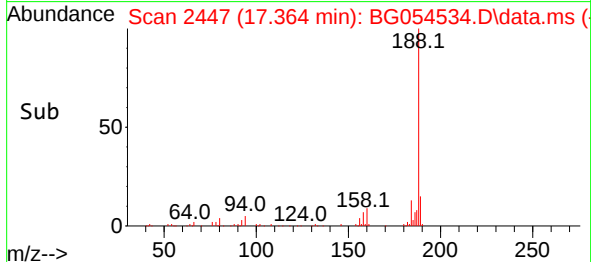
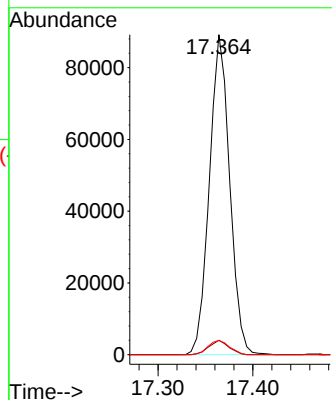
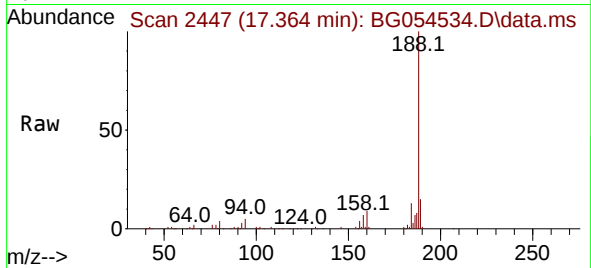




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.364 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

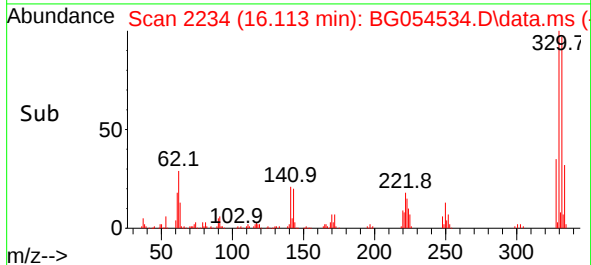
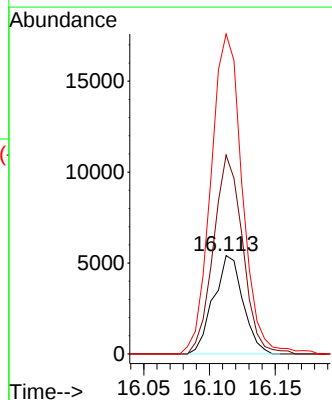
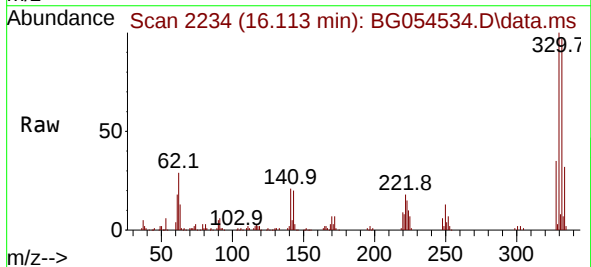
Instrument :
BNA_G
ClientSampleId :
RVE-129

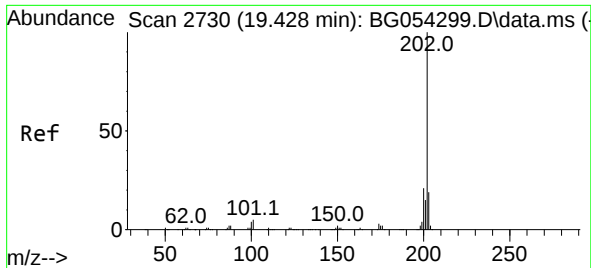
Tgt Ion:188 Resp: 132988
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 4.5 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 4.510 ng
RT: 16.113 min Scan# 2234
Delta R.T. -0.442 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion:248 Resp: 8424
Ion Ratio Lower Upper
248 100
250 260.3 75.2 112.8#
141 325.4 50.0 75.0#

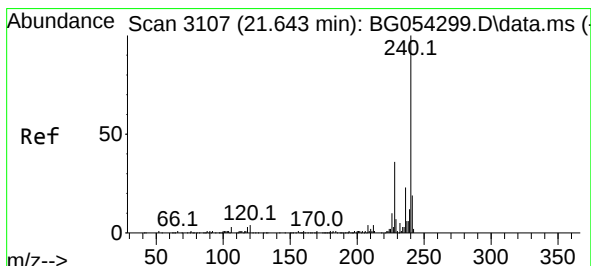
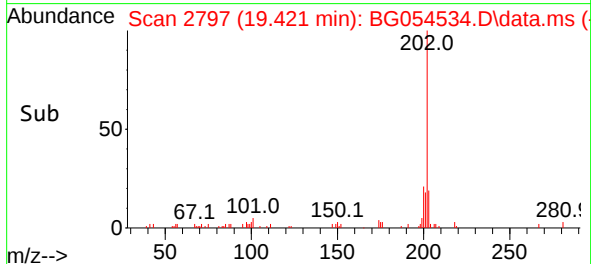
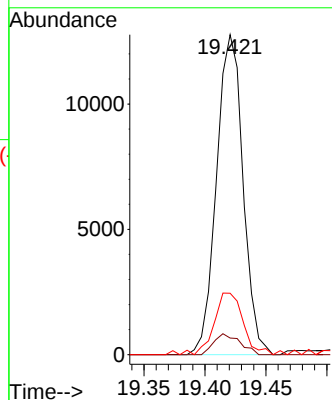
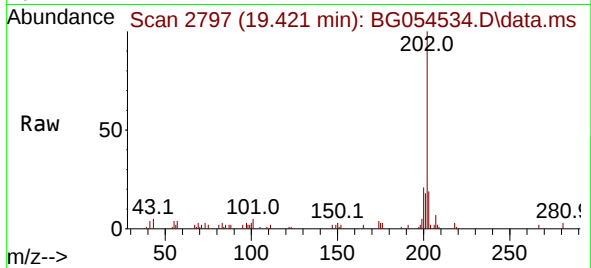




#75
Fluoranthene
Concen: 2.138 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

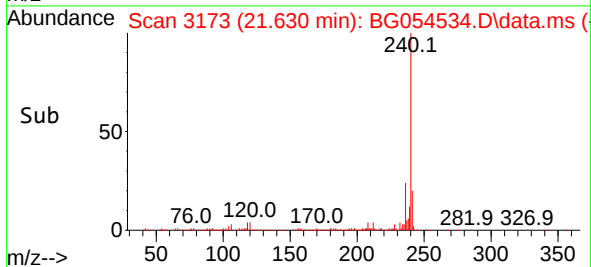
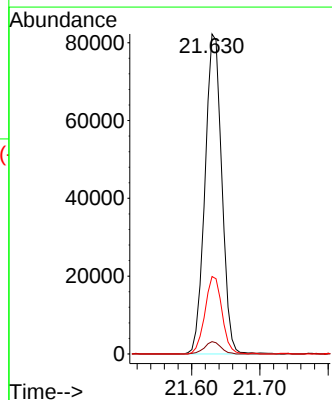
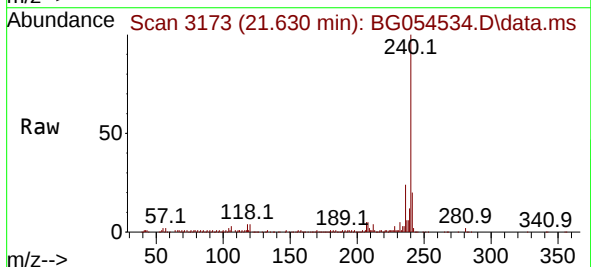
Instrument :
BNA_G
ClientSampleId :
RVE-129

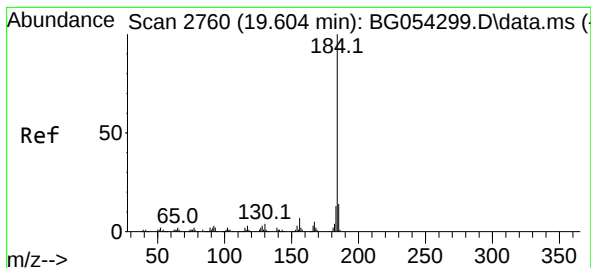
Tgt Ion:202 Resp: 19302
Ion Ratio Lower Upper
202 100
101 5.2 0.0 26.9
203 19.2 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3173
Delta R.T. -0.007 min
Lab File: BG054534.D
Acq: 5 Aug 2022 14:02

Tgt Ion:240 Resp: 140578
Ion Ratio Lower Upper
240 100
120 3.9 4.6 7.0#
236 24.2 20.2 30.4





#77

Benzidine

Concen: 3.323 ng

RT: 19.973 min Scan# 2891

Delta R.T. 0.375 min

Lab File: BG054534.D

Acq: 5 Aug 2022 14:02

Instrument :

BNA_G

ClientSampleId :

RVE-129

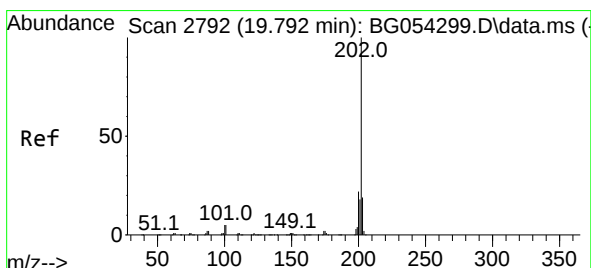
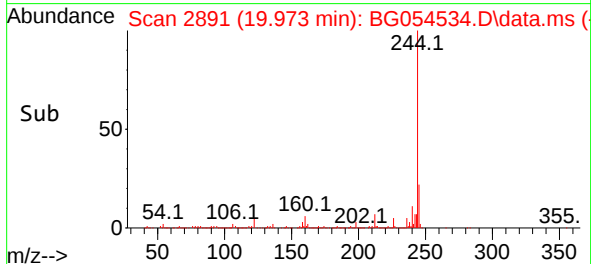
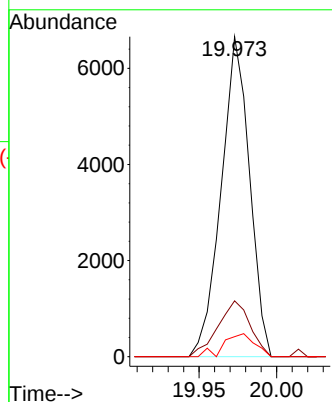
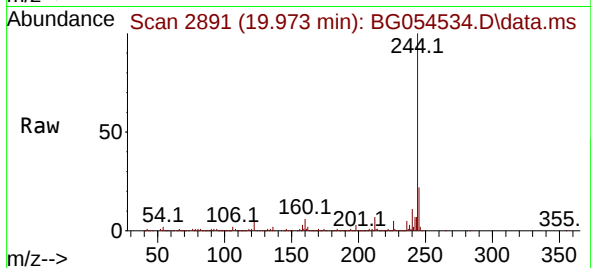
Tgt Ion:184 Resp: 8461

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.6

183 6.2 8.9 13.3#



#78

Pyrene

Concen: 3.630 ng

RT: 19.779 min Scan# 2858

Delta R.T. -0.007 min

Lab File: BG054534.D

Acq: 5 Aug 2022 14:02

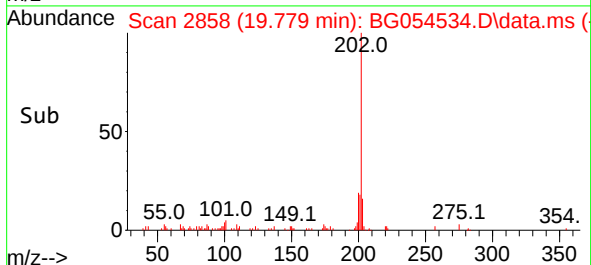
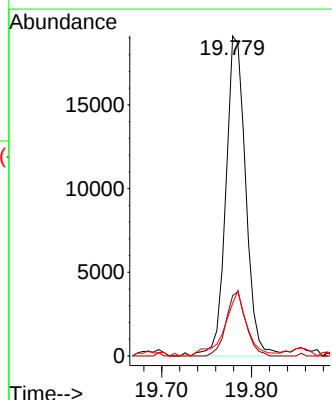
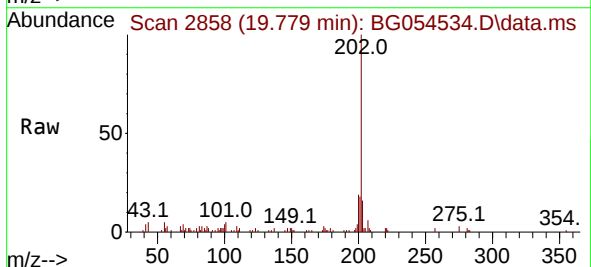
Tgt Ion:202 Resp: 29283

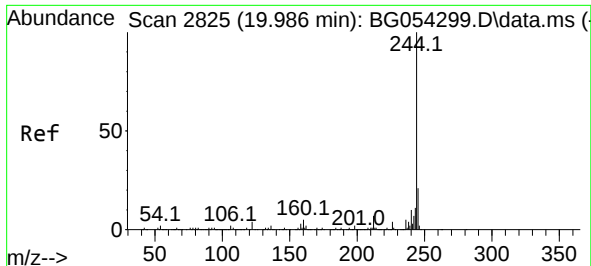
Ion Ratio Lower Upper

202 100

200 18.9 16.6 24.8

203 16.4 14.6 21.8

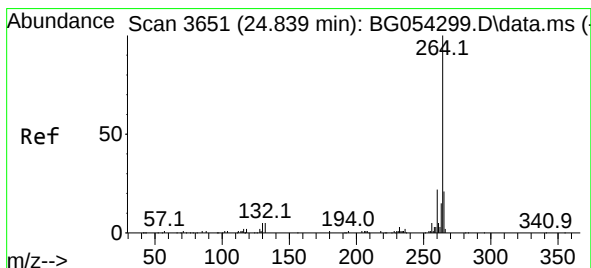
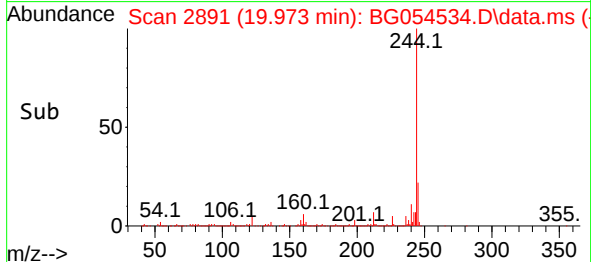
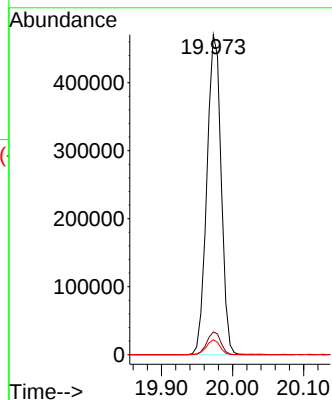
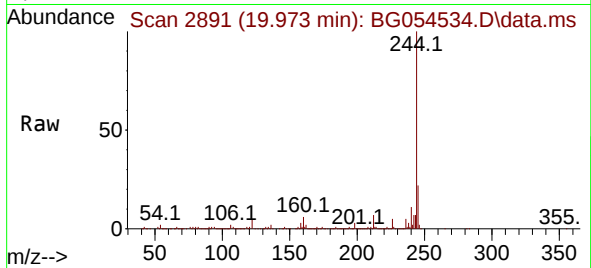




#79
 Terphenyl-d14
 Concen: 92.551 ng
 RT: 19.973 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG054534.D
 Acq: 5 Aug 2022 14:02

Instrument :
 BNA_G
 ClientSampleId :
 RVE-129

Tgt Ion:244 Resp: 655841
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.838 min Scan# 3719
 Delta R.T. 0.004 min
 Lab File: BG054534.D
 Acq: 5 Aug 2022 14:02

Tgt Ion:264 Resp: 148812
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 22.6 17.4 26.2

