

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081022\
 Data File : BG054585.D
 Acq On : 10 Aug 2022 12:41
 Operator : CG/JU
 Sample : N3962-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVE-197

Quant Time: Aug 14 11:20:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 00:32:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

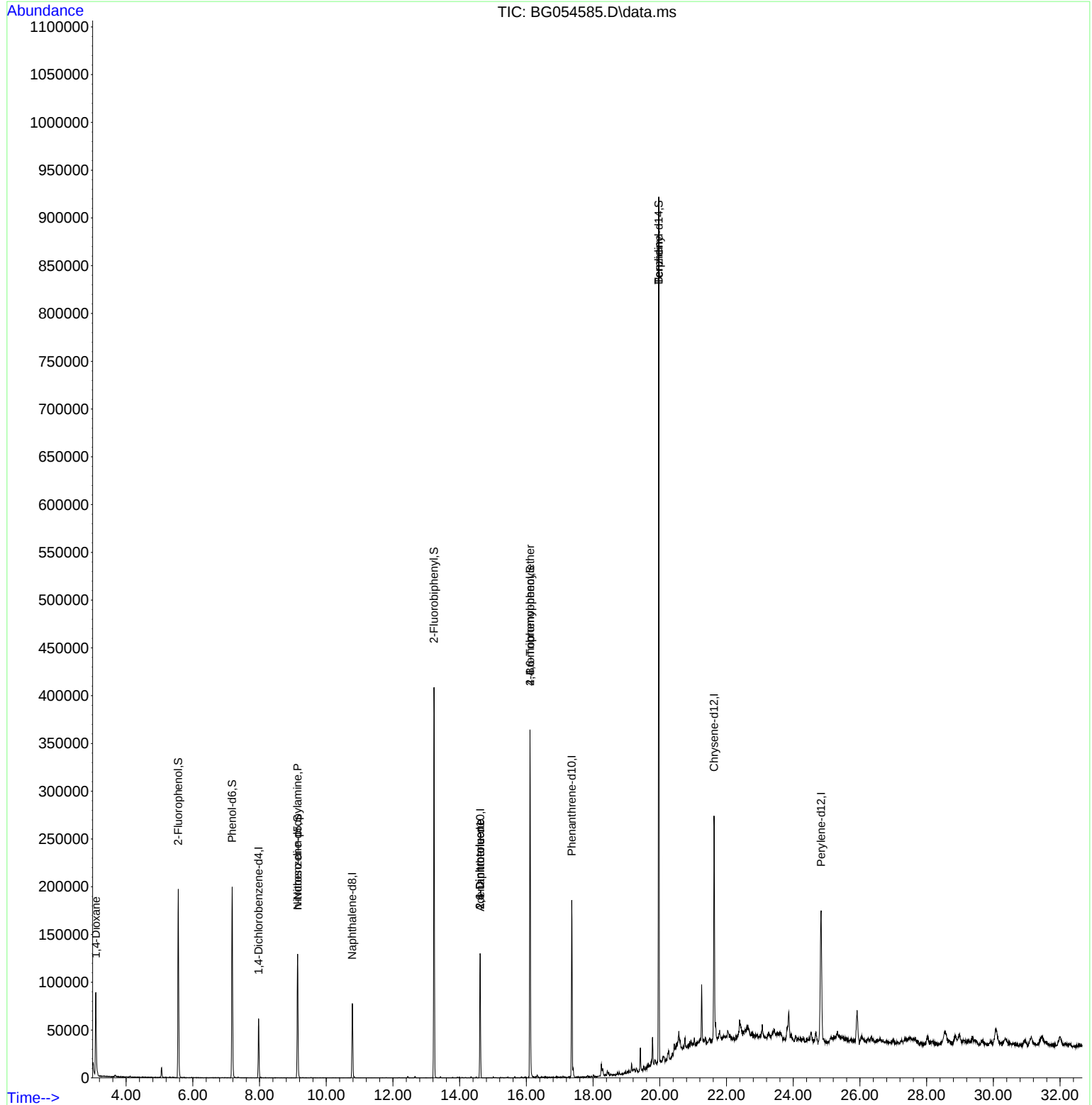
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	18934	20.000	ng	0.00
21) Naphthalene-d8	10.779	136	72121	20.000	ng	# 0.00
39) Acenaphthene-d10	14.616	164	53470	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	133813	20.000	ng	# 0.00
76) Chrysene-d12	21.625	240	158835	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	166541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	90174	99.436	ng	0.00
7) Phenol-d6	7.178	99	116791	93.988	ng	0.00
23) Nitrobenzene-d5	9.140	82	79234	59.828	ng	0.00
42) 2,4,6-Tribromophenol	16.108	330	95254	84.846	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	235143	62.038	ng	0.00
79) Terphenyl-d14	19.969	244	504765	63.044	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.094	88	944	2.617	ng	# 1
19) n-Nitroso-di-n-propyla...	9.140	70	11482	13.837	ng	# 76
51) 2,6-Dinitrotoluene	14.610	165	7151	7.806	ng	# 16
57) 2,4-Dinitrotoluene	14.610	165	7151	5.445	ng	# 21
67) 4-Bromophenyl-phenylether	16.108	248	5793	3.082	ng	# 1
77) Benzidine	19.969	184	6502	2.260	ng	# 88

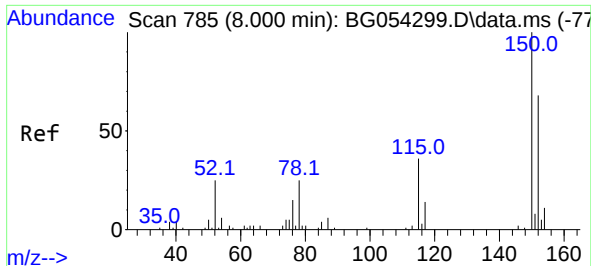
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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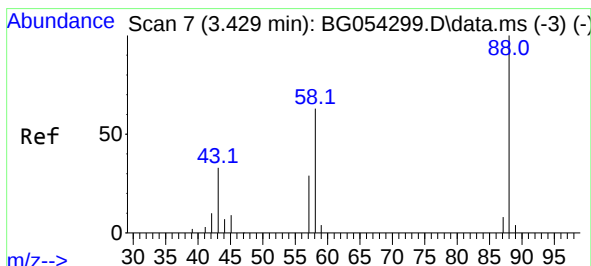
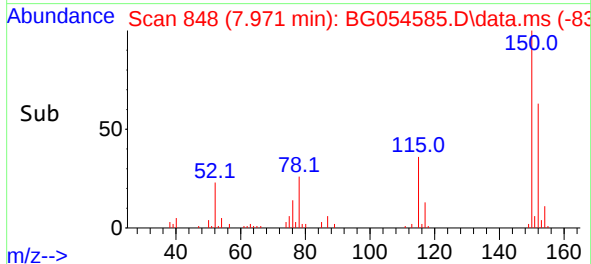
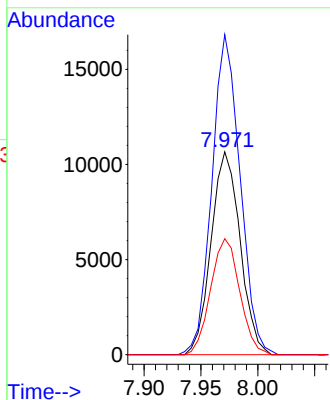
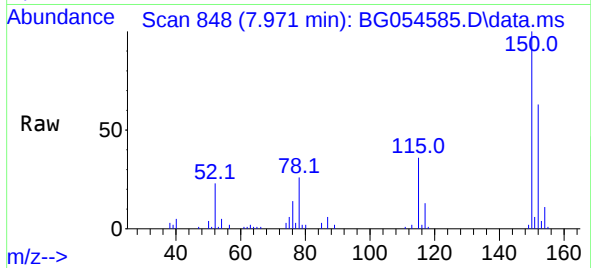




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.971 min Scan# 84
Delta R.T. 0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

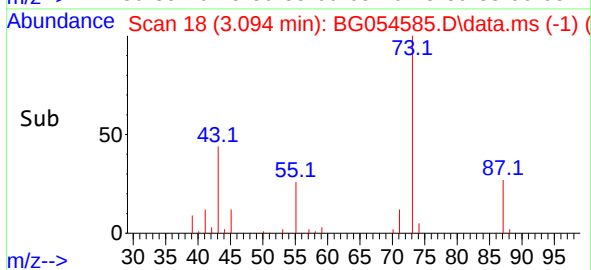
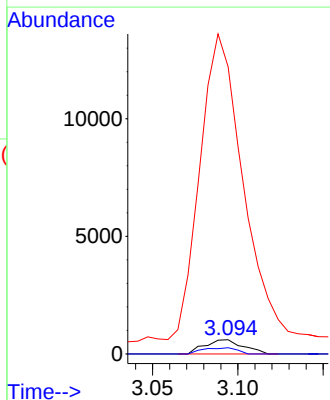
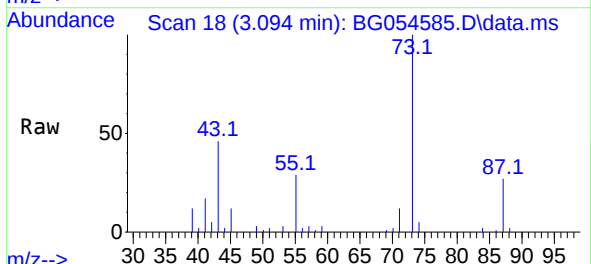
Instrument :
BNA_G
ClientSampleId :
RVE-197

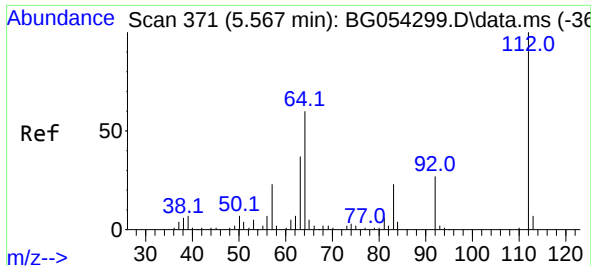
Tgt Ion:152 Resp: 18934
Ion Ratio Lower Upper
152 100
150 157.8 131.6 197.4
115 57.2 50.9 76.3



#2
1,4-Dioxane
Concen: 2.617 ng
RT: 3.094 min Scan# 18
Delta R.T. -0.297 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion: 88 Resp: 944
Ion Ratio Lower Upper
88 100
58 38.8 59.2 88.8#
43 2604.3 24.3 36.5#

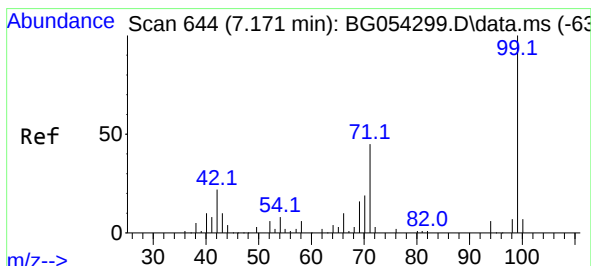
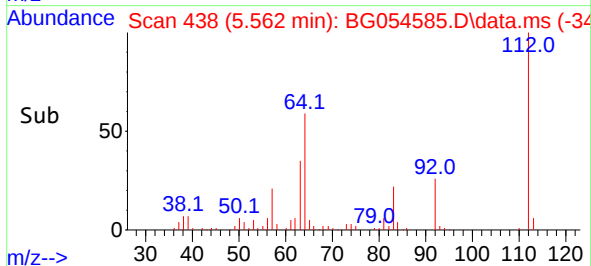
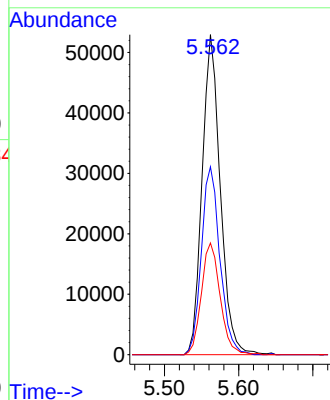
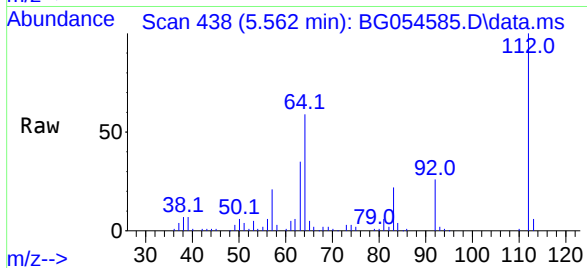




#5
2-Fluorophenol
Concen: 99.436 ng
RT: 5.562 min Scan# 41
Delta R.T. 0.009 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

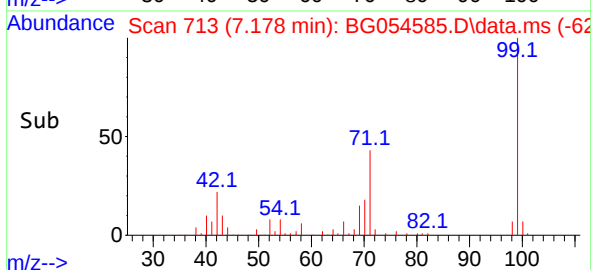
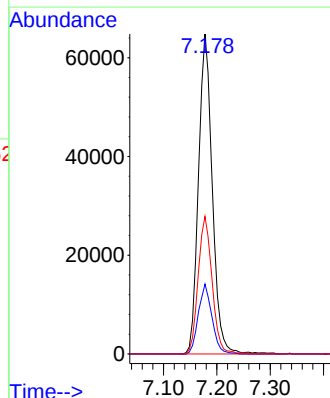
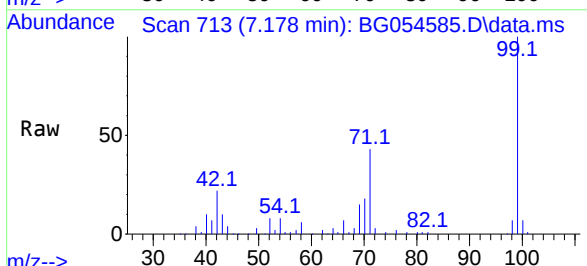
Instrument :
BNA_G
ClientSampleId :
RVE-197

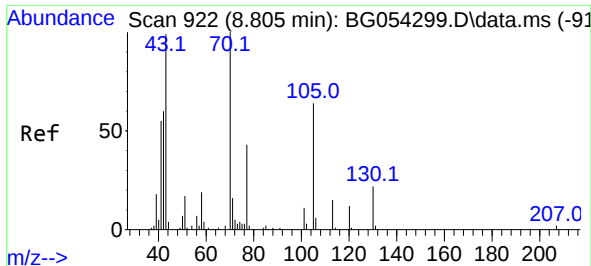
Tgt Ion:112 Resp: 90174
Ion Ratio Lower Upper
112 100
64 58.7 55.1 82.7
63 34.9 30.4 45.6



#7
Phenol-d6
Concen: 93.988 ng
RT: 7.178 min Scan# 713
Delta R.T. 0.009 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion: 99 Resp: 116791
Ion Ratio Lower Upper
99 100
42 21.9 17.0 25.6
71 43.0 33.8 50.8



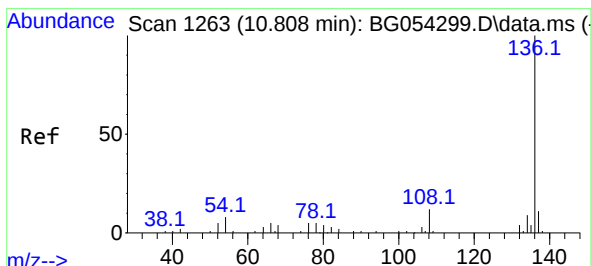
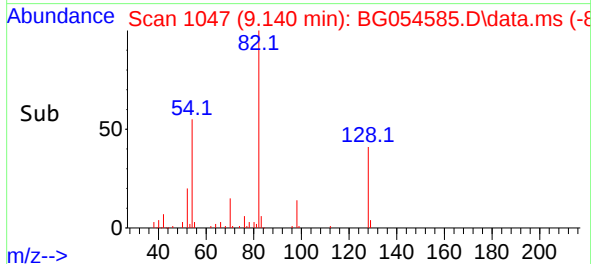
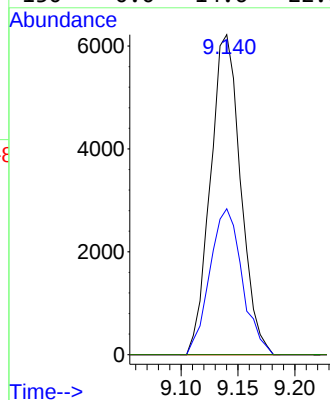
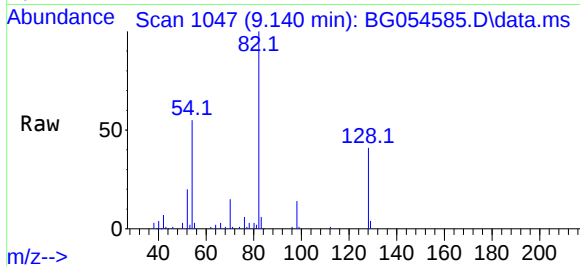


#19
n-Nitroso-di-n-propylamine
Concen: 13.837 ng
RT: 9.140 min Scan# 11
Delta R.T. 0.361 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Instrument :
BNA_G
ClientSampleId :
RVE-197

Tgt Ion: 70 Resp: 11482

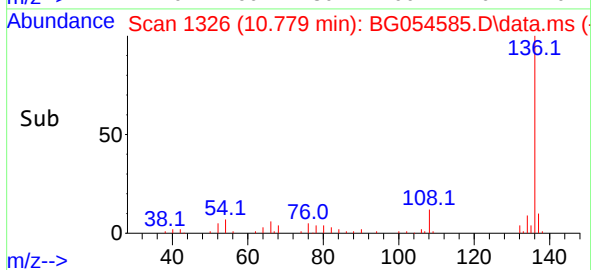
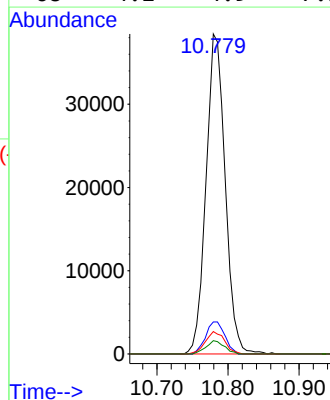
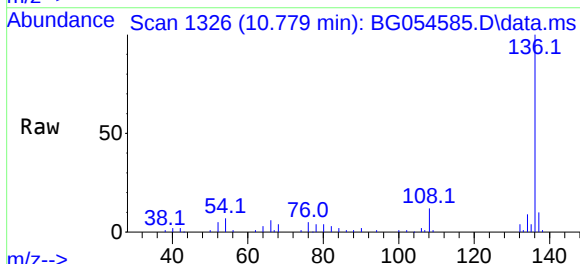
Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.3	70.9#
101	0.0	7.0	10.4#
130	0.0	14.6	22.0#

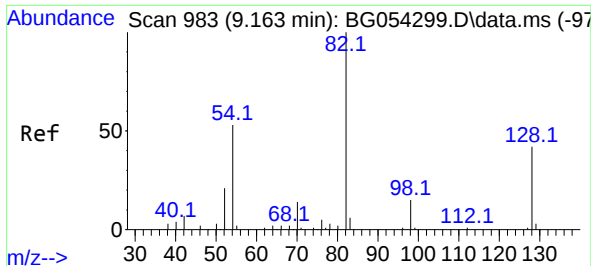


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.779 min Scan# 1326
Delta R.T. 0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion: 136 Resp: 72121

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.5	12.7
54	7.0	7.4	11.2#
68	4.2	4.9	7.3#

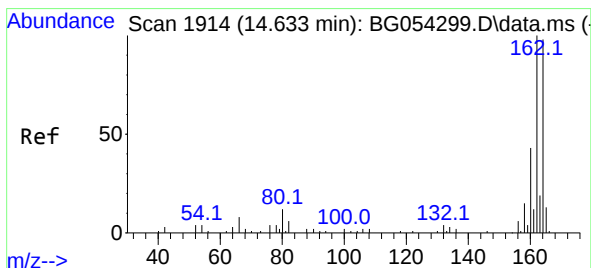
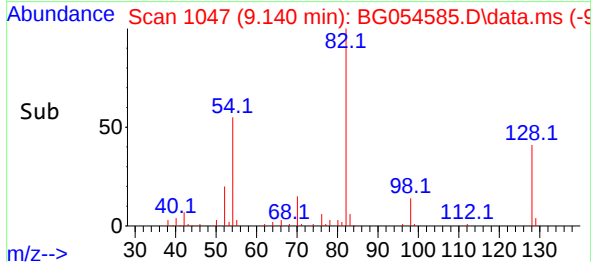
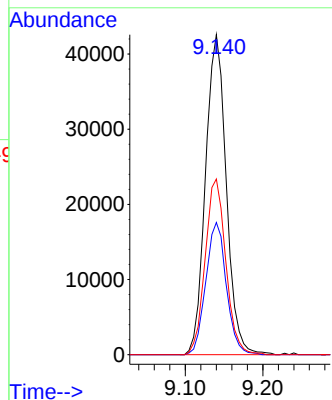
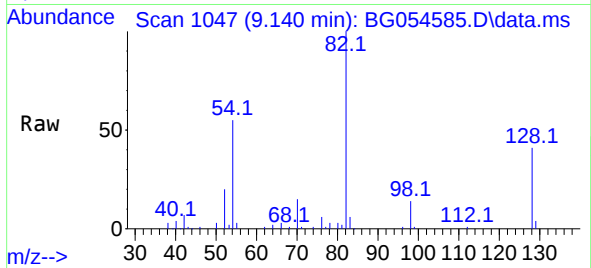




#23
Nitrobenzene-d5
Concen: 59.828 ng
RT: 9.140 min Scan# 1047
Delta R.T. 0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

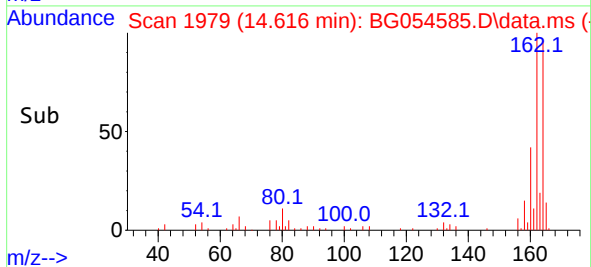
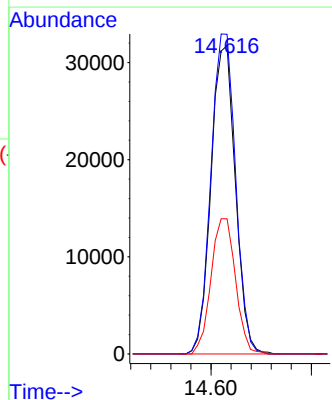
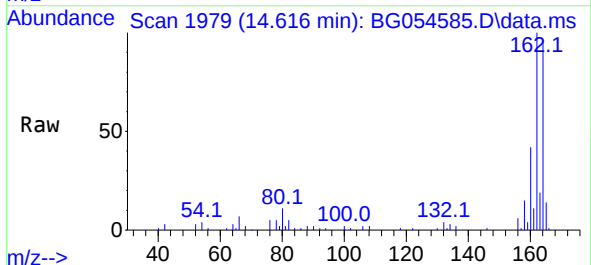
Instrument :
BNA_G
ClientSampleId :
RVE-197

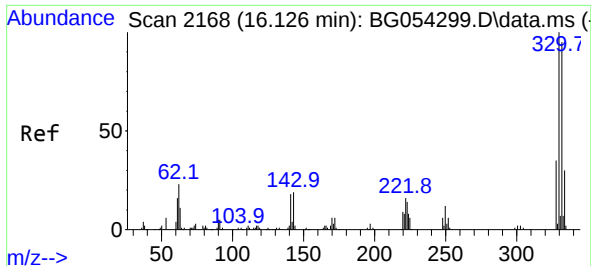
Tgt Ion: 82 Resp: 79234
Ion Ratio Lower Upper
82 100
128 41.3 27.9 41.9
54 54.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.616 min Scan# 1979
Delta R.T. 0.009 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion:164 Resp: 53470
Ion Ratio Lower Upper
164 100
162 103.7 82.3 123.5
160 43.9 34.2 51.2

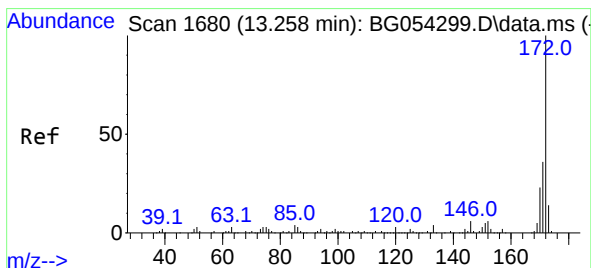
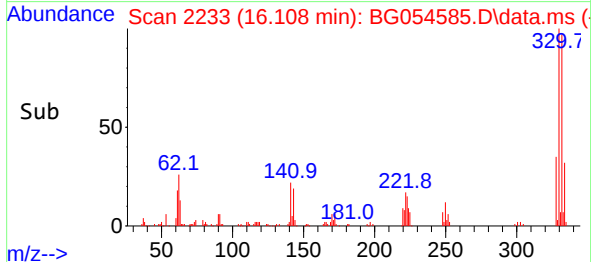
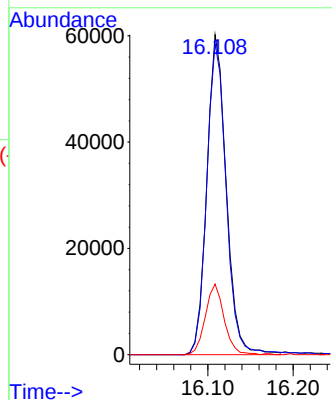
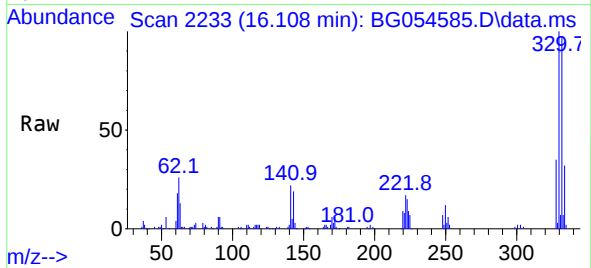




#42
2,4,6-Tribromophenol
Concen: 84.846 ng
RT: 16.108 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

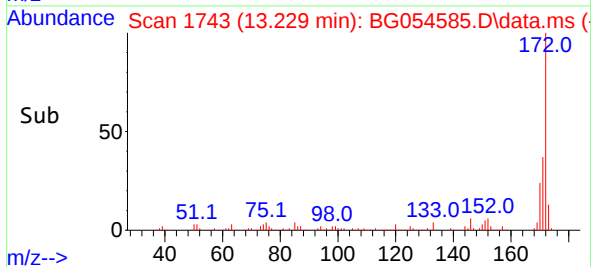
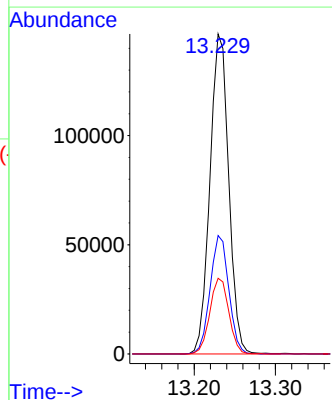
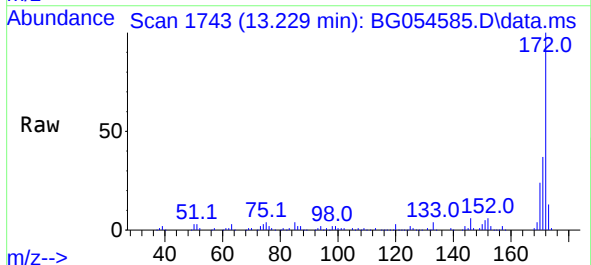
Instrument :
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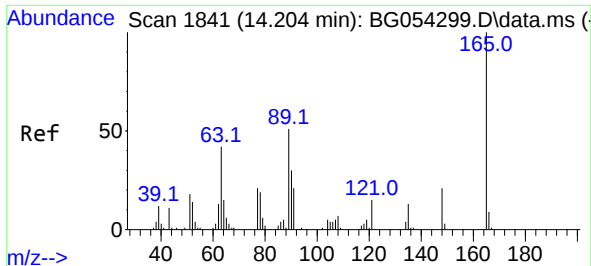
Tgt Ion:330 Resp: 95254
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 21.3 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 62.038 ng
RT: 13.229 min Scan# 1743
Delta R.T. 0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion:172 Resp: 235143
Ion Ratio Lower Upper
172 100
171 37.0 28.5 42.7
170 23.6 18.9 28.3

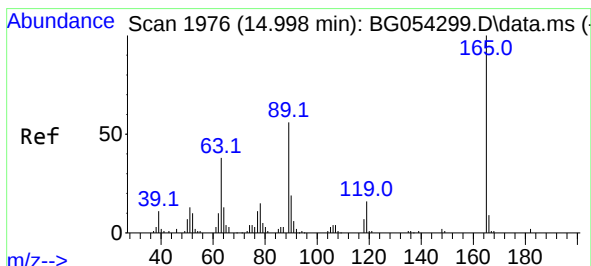
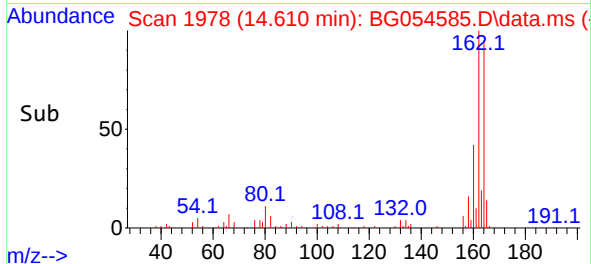
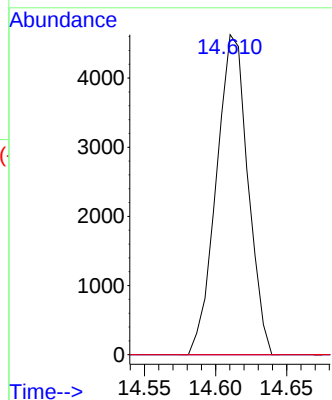
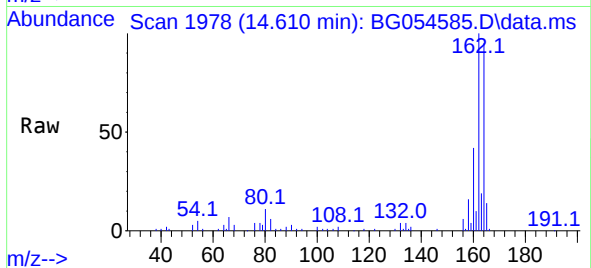




#51
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 14.610 min Scan# 1978
Delta R.T. 0.420 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

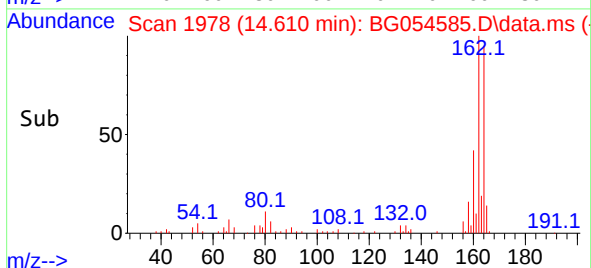
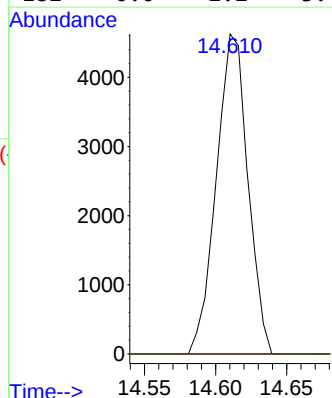
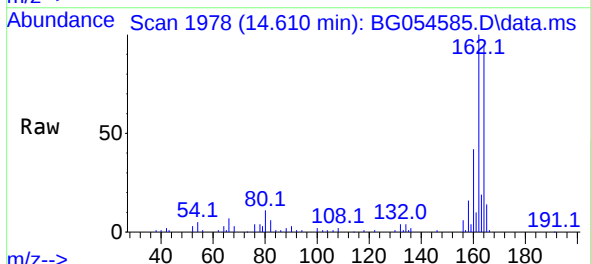
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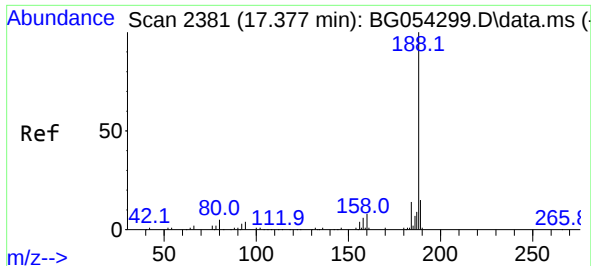
Tgt Ion:165 Resp: 7151
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.445 ng
RT: 14.610 min Scan# 1978
Delta R.T. -0.385 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion:165 Resp: 7151
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#

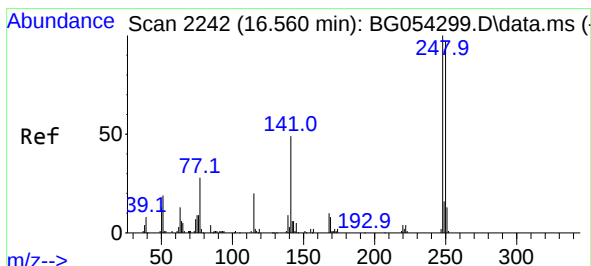
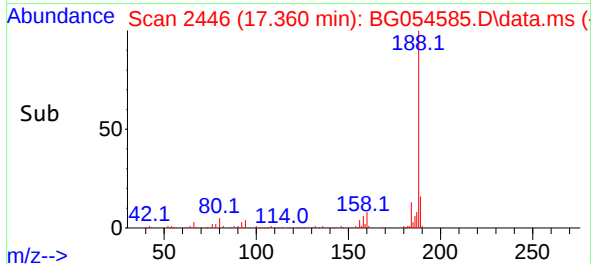
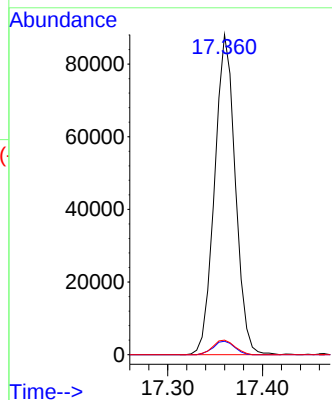
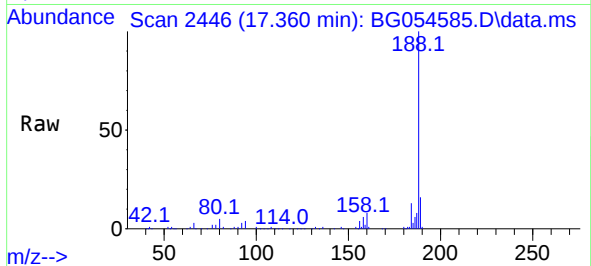




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

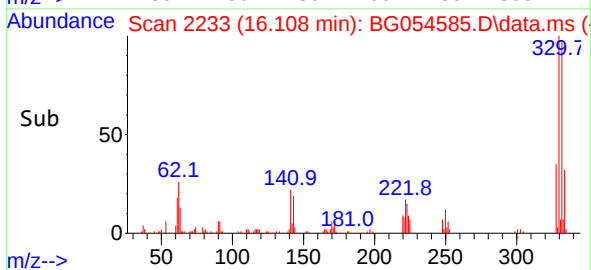
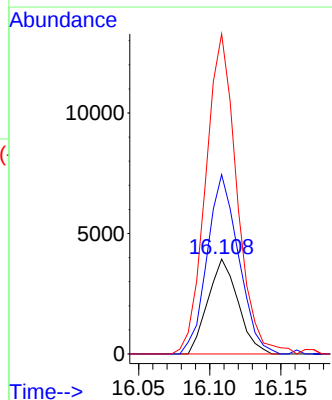
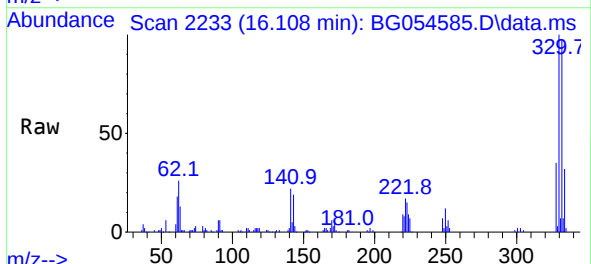
Instrument :
BNA_G
ClientSampleId :
RVE-197

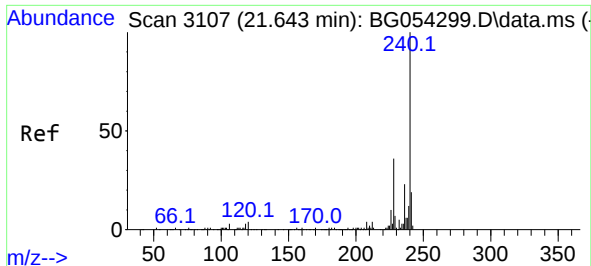
Tgt Ion:188 Resp: 133813
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 4.6 6.8 10.2#



#67
4-Bromophenyl-phenylether
Concen: 3.082 ng
RT: 16.108 min Scan# 2233
Delta R.T. -0.432 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion:248 Resp: 5793
Ion Ratio Lower Upper
248 100
250 189.2 75.2 112.8#
141 337.4 50.0 75.0#

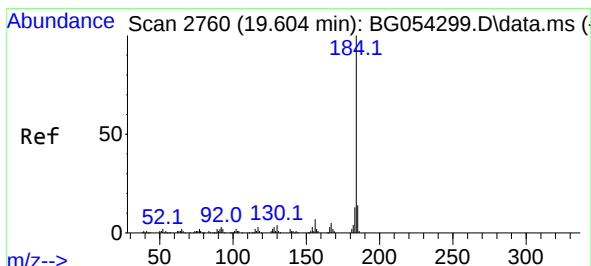
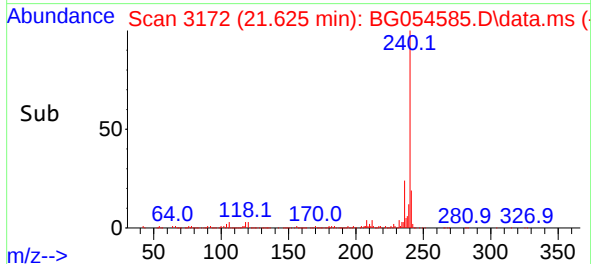
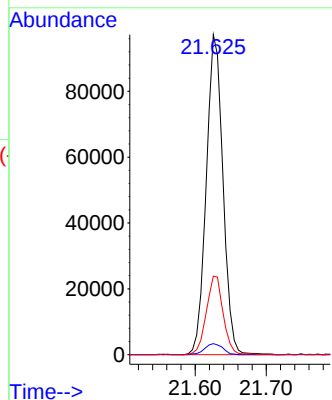
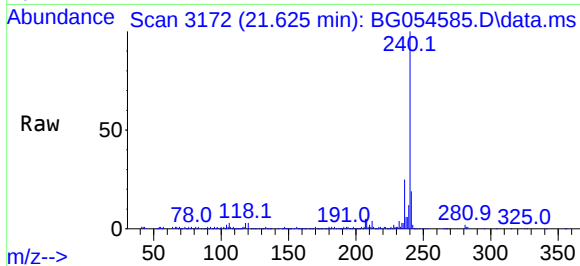




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.625 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

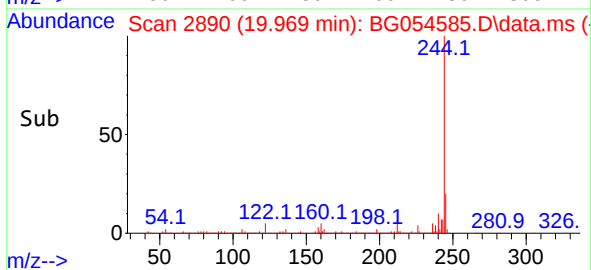
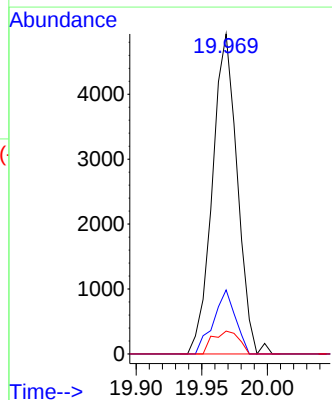
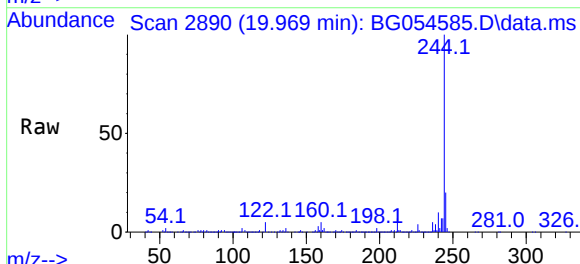
Instrument :
BNA_G
ClientSampleId :
RVE-197

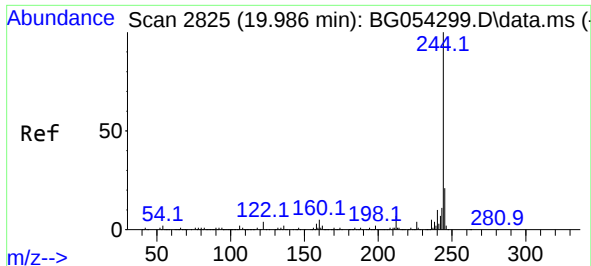
Tgt Ion:240 Resp: 158835
Ion Ratio Lower Upper
240 100
120 3.4 4.6 7.0#
236 24.6 20.2 30.4



#77
Benzidine
Concen: 2.260 ng
RT: 19.969 min Scan# 2890
Delta R.T. 0.379 min
Lab File: BG054585.D
Acq: 10 Aug 2022 12:41

Tgt Ion:184 Resp: 6502
Ion Ratio Lower Upper
184 100
185 20.0 11.8 17.6#
183 7.1 8.9 13.3#

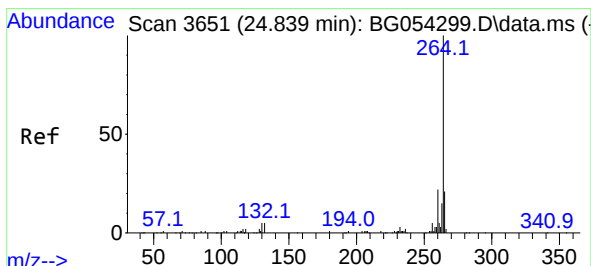
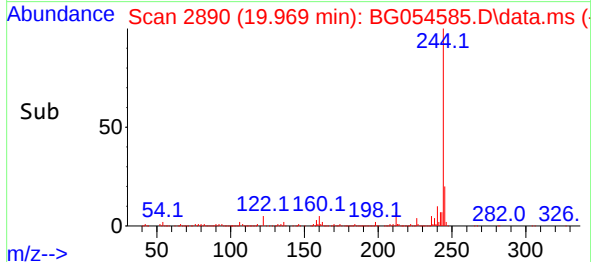
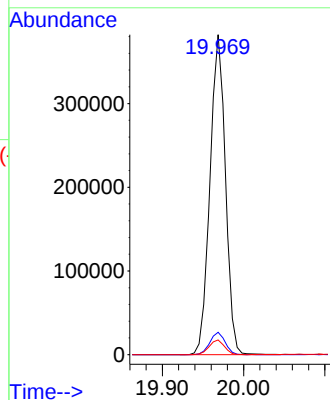
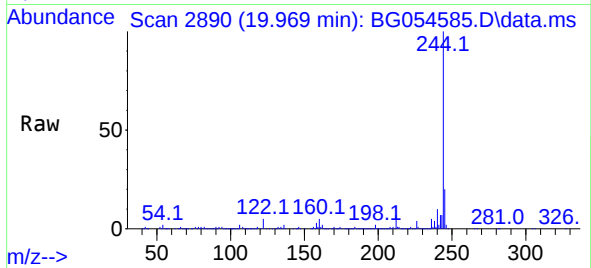




#79
 Terphenyl-d14
 Concen: 63.044 ng
 RT: 19.969 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054585.D
 Acq: 10 Aug 2022 12:41

Instrument :
 BNA_G
 ClientSampleId :
 RVE-197

Tgt Ion:244 Resp: 504765
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.6 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.833 min Scan# 3718
 Delta R.T. 0.009 min
 Lab File: BG054585.D
 Acq: 10 Aug 2022 12:41

Tgt Ion:264 Resp: 166541
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.2 17.4 26.2

